

1. THE WELL

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....  
✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 1-6-79

Location Inspected .....

..... WW..... TA.....

Bond released

SI ✓ OS..... PA.....

State or Fee Land .....

LOGS FILED

Driller's Log, ✓

Electric Logs (No.) ✓

E..... I..... Dual I Lat..... GR-N..... Micro.....

BPG Sonic GR..... Lat..... MI-L..... Sonic.....

CSLog..... CLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Continental Oil Company

## 3. ADDRESS OF OPERATOR

152 N. Durbin, Casper, Wyoming 82601

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1281' FNL, 2306' FWL (SE NW)

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

160

## 17. NO. OF ACRES ASSIGNED

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

10,830

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4669' Ungraded Ground

## 22. APPROX. DATE WORK WILL START\*

June 17, 1978

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 15"          | 10 3/4"        | 40.5#           | 250'          | 250 sacks          |
| 9 1/2"       | 7 5/8"         | 26.4# 29.7#     | 8400'         | *                  |
| 6 1/2"       | 4 1/2"         | 11.6#           | 10,830'       | *                  |

It is proposed to drill Conoco-Pinnachoose 6 No. 3 as a Mesaverde gas producer. There are no cores or DST's planned. All appropriate logs will be run. It is anticipated to air drill this well until fluid entry into the wellbore becomes such a problem as to require a mud system.

If the Mesaverde proves non-commercial, we may plug back to the Wasatch.

\*Cement volume and placement of cement will depend upon which zones are commercial. Cement volumes will be determined from caliper log. Engineering will provide cement volumes and placement of centralizers and cementing tools after well has been logged and productive intervals have been determined.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*T.C. Thompson*

TITLE Administrative Supervisor

DATE 4-26-78

(This space for Federal or State office use)

PERMIT NO.

43-047-30428

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS (3), UOGCC (2), File

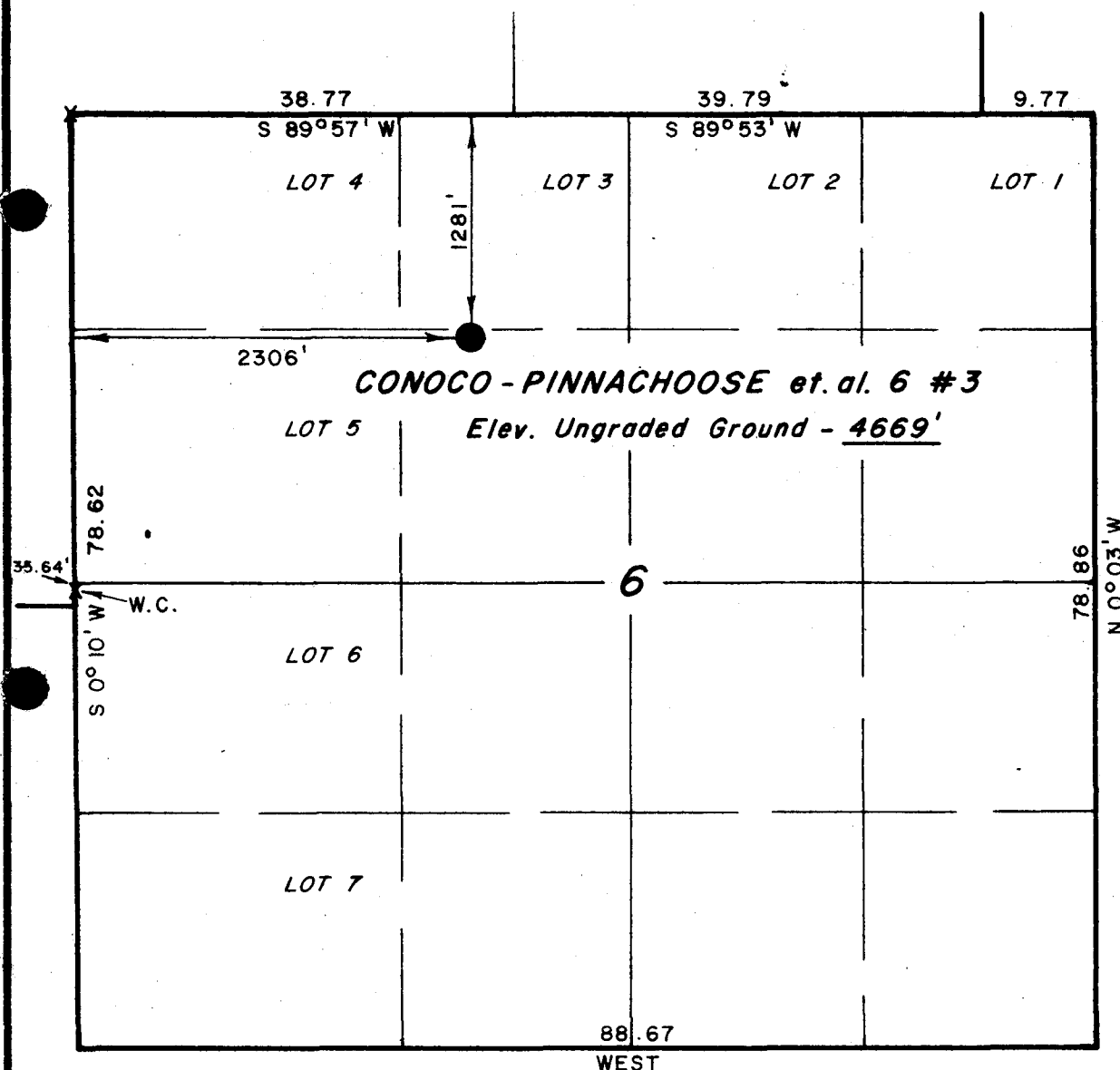
\*See Instructions On Reverse Side

PROJECT

CONTINENTAL OIL CO.

T 9 S, R 21 E, S.L.B. & M.

Well location, CONOCO - PINNACHOOSE et. al. 6 #3, located as shown in the SE 1/4 NW 1/4 Section 6, T9S, R21E, S.L.B. & M. Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

|         |            |            |                 |
|---------|------------|------------|-----------------|
| SCALE   | 1" = 1000' | DATE       | 4/11/78         |
| PARTY   | DA DS      | REFERENCES | GLO Plat        |
| WEATHER |            | FILE       | CONTINENTAL OIL |

X = Section Corners Located

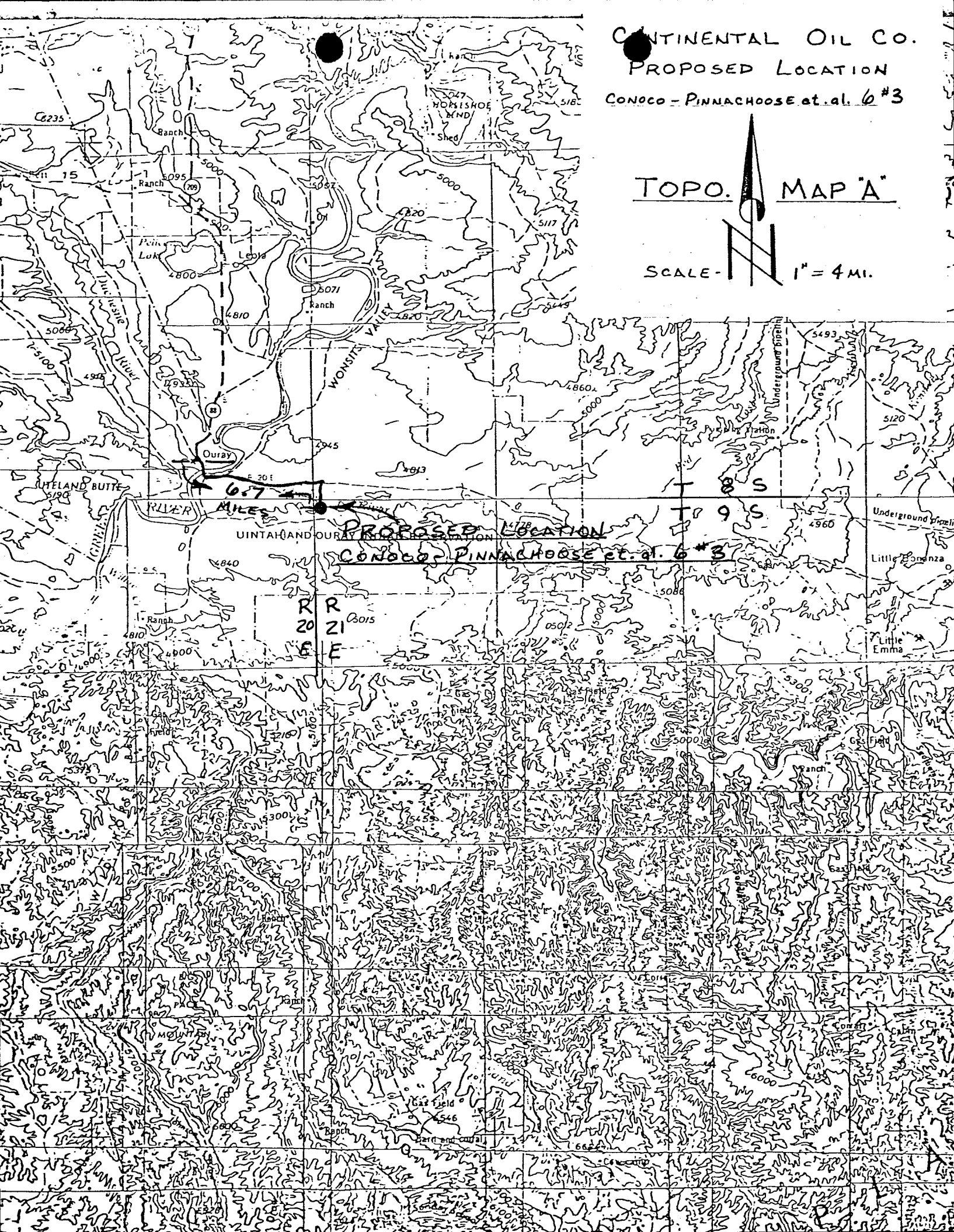
CONTINENTAL OIL CO.

PROPOSED LOCATION

CONOCO - PINNACHOOSE et.al. 6 #3

TOPO. MAP "A"

SCALE - 1" = 4 MI.





Attachment to Form 9-331 C  
Conoco-Pinnachoose 6 No. 3  
4-26-78

1. The geologic name of surface formation: Uintah
2. The estimated tops of important geologic markers:

| <u>Formation</u> | <u>Drilled Depth</u> | <u>Subsea</u> |
|------------------|----------------------|---------------|
| First Limestone  | 1780'                | 2989'         |
| Green River      | 2151'                | 2530'         |
| Wasatch          | 5441'                | - 760'        |
| Mesaverde        | 8436'                | -3755'        |
| Mancos           | 10,762'              | -6080'        |
| TD               | 10,830'              | -6149'        |

3. It is anticipated to encounter a water bearing zone in the Green River formation. A gas and water bearing zone is anticipated in the Wasatch and in the Mesaverde formations. The depths of these formations are listed in (2) above.
4. Proposed casing pattern:

0-250' - 10 3/4" OD, 40.5#/ft., H-40, ST&C  
0-1000' - 7 5/8" OD, 26.4#/ft., N-80, LT&C  
1000-1500' - 7 5/8" OD, 26.4#/ft., K-55, LT&C  
1500-5000' - 7 5/8" OD, 26.4#/ft., K-55, ST&C  
5000-6100' - 7 5/8" OD, 26.4#/ft., N-80, LT&C  
6100-8400' - 7 5/8" OD, 29.7#/ft., N-80, LT&C  
8200-9100' - 4 1/2" OD, 11.6#/ft., K-55, ST&C  
9100-TD - 4 1/2" OD, 11.6#/ft., N-80, LT&C

(All casing mentioned above will be new.)

5. Specifications for pressure control:

Our minimum specification for pressure equipment will be 5000 lbs. (Schematic attached)

6. Proposed circulating medium:

Well will be drilled with air. If fluid entry into wellbore becomes such a problem as to require drilling fluid to lift cuttings, aerated water inhibited with 2% KCl will be used. It is anticipated that a salt saturated system will be needed at +6500'. Mud weights will be maintained between 9.0-10.7 lbs. per gallon to T.D. (Sufficient mud will be mixed on location to fill hole volume plus excess of 200 bbls. and sufficient weight to control bottom hole pressures.)

7. Auxiliary equipment:

We will use kelly cocks, floats at the bit, monitoring equipment on the mud system (if needed), a sub on the floor with full opening valve, and a blooie line.

8. Testing, logging and coring:

As mentioned in the permit to drill, no cores or DST's are planned. A flare will be ignited under the blooie line when drilling below the top of the Green River to detect combustible quantities of gas. The following logs will be run over the specified intervals:

- A. Dual Induction with Gamma Ray from surface pipe to T.D.
- B. Formation Density, Compensated Neutron log, and Sonic log with Gamma Ray over selected zones in the Green River, Wasatch and Mesaverde formations. The Caliper will be run from T.D. to surface pipe.

9. Formation and completion interval:

Sand lens of the Mesaverde and Wasatch completion method: Perforate the casing

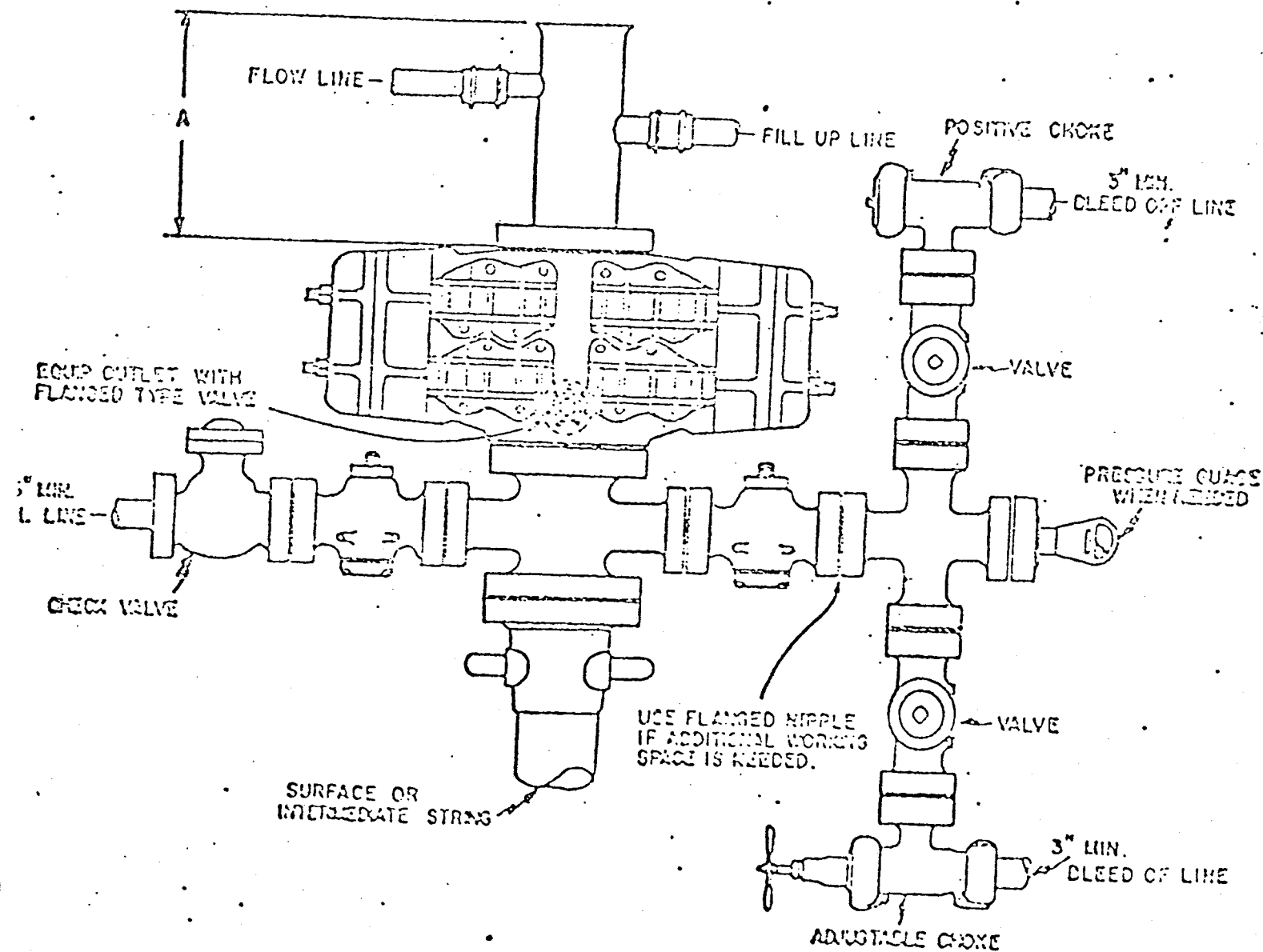
Sand Fracturing: 450,000 gallons gelled water, 800,000 pounds of sand, and 50 tons CO<sub>2</sub>.

10. Abnormal pressures and temperatures:

We do not anticipate any abnormal pressures or temperatures. Rotating head will be used while drilling with air for control. BOP's will be used for control while drilling with mud. Mud weight will be increased, if necessary, to insure adequate control.

11. Starting date and duration:

We plan to spud the well on June 17, 1978, and expect drilling operations to last 45 days.



Conoco:

Minimum BOP Stack  
 One Pipe Ram  
 One Blind Ram

Manifold

Well Head

5000 psi Working Pressure

5000 psi Working Pressure

5000 psi Working Pressure

CONTINENTAL OIL COMPANY

13 Point Surface Use Plan

for

Well Location

Conoco - Pinnachoose et. al. 6 #3

Located In

Section 6, T9S, R21E, S.L.B. & M.

Uintah County, Utah

Continental Oil Company  
Conoco-Pinnachoose et. al. #3  
Section 6, T9S, R21E, S.L.B. & M.

## 1. EXISTING ROAD

See attached Topographic Map "A".

To reach Continental Oil Company, well location Conoco-Pinnachoose et. al. #3, located in the SE 1/4 NW 1/4 Section 6, T9S, R21E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah Highway 88; proceed South along Utah State Highway 88-10 miles to Ouray, Utah; proceed on South along a county road known as the Seep Ridge Road approximately 0.4 miles to its junction with an existing improved dirt service road to the East known as the Watson Road; proceed East-erly along this improved road 5 miles to the point that it intersects an existing dirt service road to the South; proceed in a Southerly direction along this road 0.3 miles to the point that it intersects an existing dirt service road to the East and West; proceed along southerly on the same road 0.4 miles to the point that it intersects another existing dirt service road to the East and West; proceed along South 0.8 miles to the point that it intersects an existing dirt service road to the Southwest; proceed Southwesterly along this service road 0.2 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road in a Southwesterly direction.

The Highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the road is surfaced with native asphalt for the first 0.4 miles of road and then is a gravel surface to the aforementioned service roads.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.I.A. or other controlling agencies.

## 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the NE 1/4 Section 6, T9S, R21E, S.L.B. & M. and proceeds in a Southwesterly direction 0.2 miles to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (9' either side of the center-line) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

Continental Oil Company  
Conoco-Pinnachoose et. al. #3  
Section 6, T9S, R21E, S.L.B. & M.

### PLANNED ACCESS ROAD - continued

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and on difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that is traversed by this road is relatively flat and is vegetated with sparse amounts of sagebrush and grasses.

### 3. LOCATION OF EXISTING WELLS

As shown on Topographic Map "B", there are no other wells within a one-mile radius of the proposed well site. (See location plat for placement of Continental Oil Co., well location within the section).

### 4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Continental Oil Company flow, gathering, injection, or disposal lines within a one-mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10, and these requirements and standards will be adhered to.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See attached Topographic Map "B".

Water for this well will be hauled by truck from the White River in the NW 1/4 of Section 6, T9S, R21E, S.L.B. & M., approximately 1000' to the Southeast from the proposed well location.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable material such as cuttings, salts, drilling fluids, chemicals, produced fluid, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domesticated animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pits dry and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pits will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site.

WELL SITE LAYOUT - continued

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, and the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be resseeded with a seed mixture recommended by the B.I.A. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The area is a basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The white River is located approximately 500' to the Southwest of the proposed location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstones, conglomerates and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.



OTHER INFORMATION - continued

The topsoils in the area range from a light brownish-gray sandy clay (SM-MI) type soil poorly graded gravels to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

The White River to the South of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in. It consists of areas of sagebrush, rabbitbrush, some grasses, and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (Topographic Map "B").

Conoco-Pinnachoose et. al. 6 #3, is located on a flat area which is approximately 1000' Northeast of the White River.

The terrain in the vicinity of the location slopes from the Southeast through the location site at approximately a 0.5% grade toward a bend of the White River to the Northwest.

The vegetation in the immediate area surrounding the location site is predominantly sagebrush and grasses.

There are no occupied dwelling or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Homer Smith  
Box 536  
Grand Junction, Colorado 81501

13. CERTIFICATION

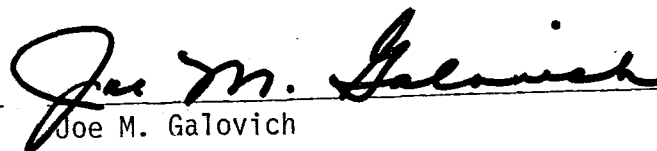
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of

Continental Oil Company  
Conoco-Pinnachoose et. al. 6 #3  
Section 6, T9S, R21E, S.L.B. & M.

my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Continental Oil Company and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

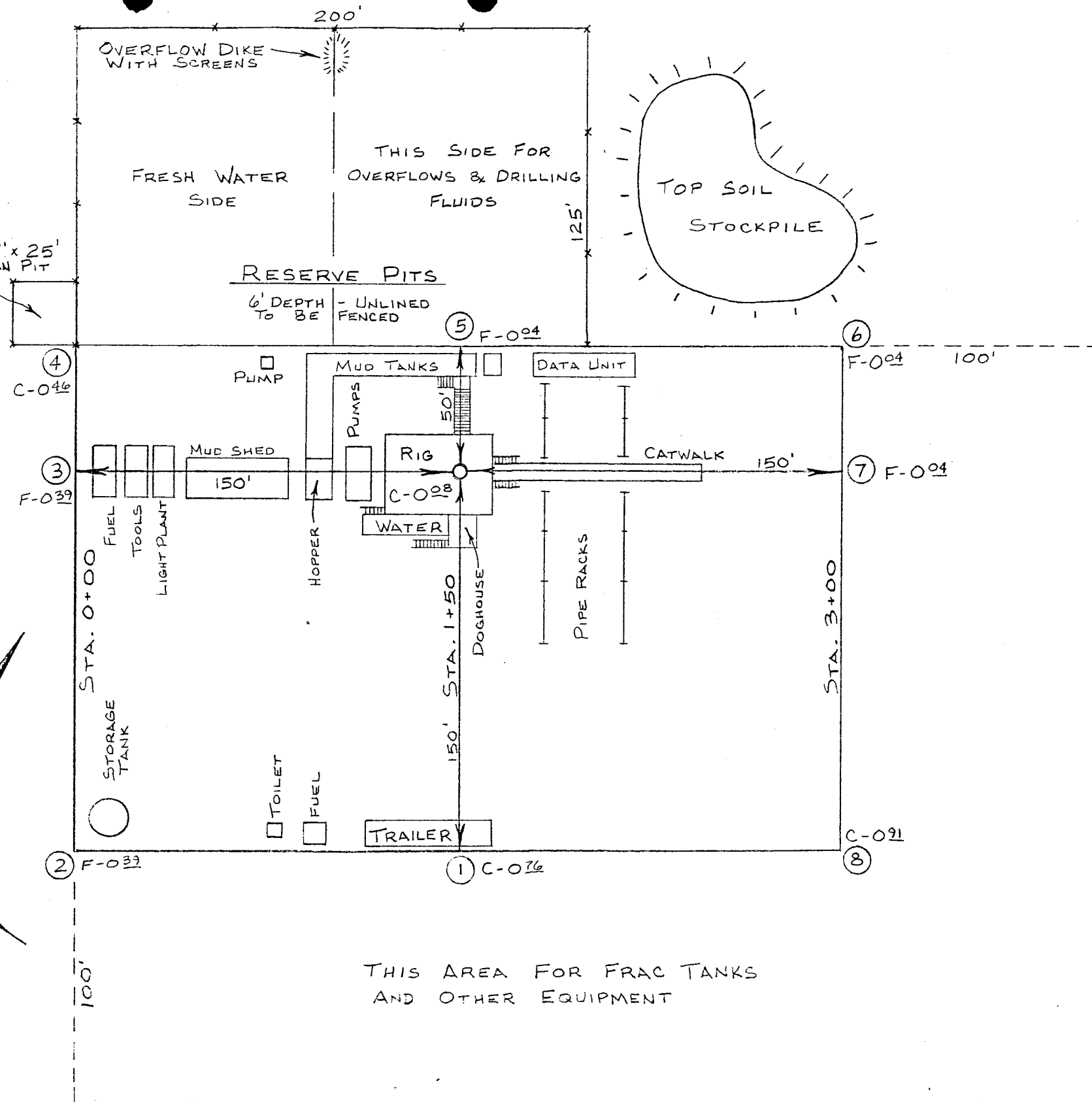
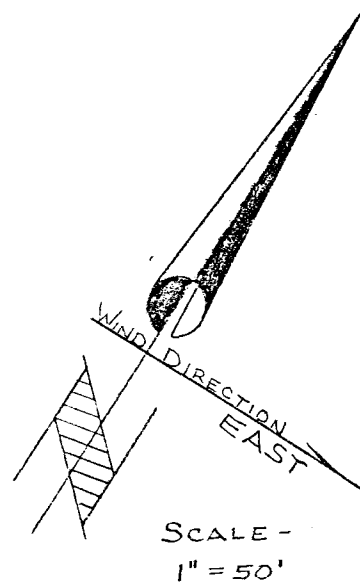
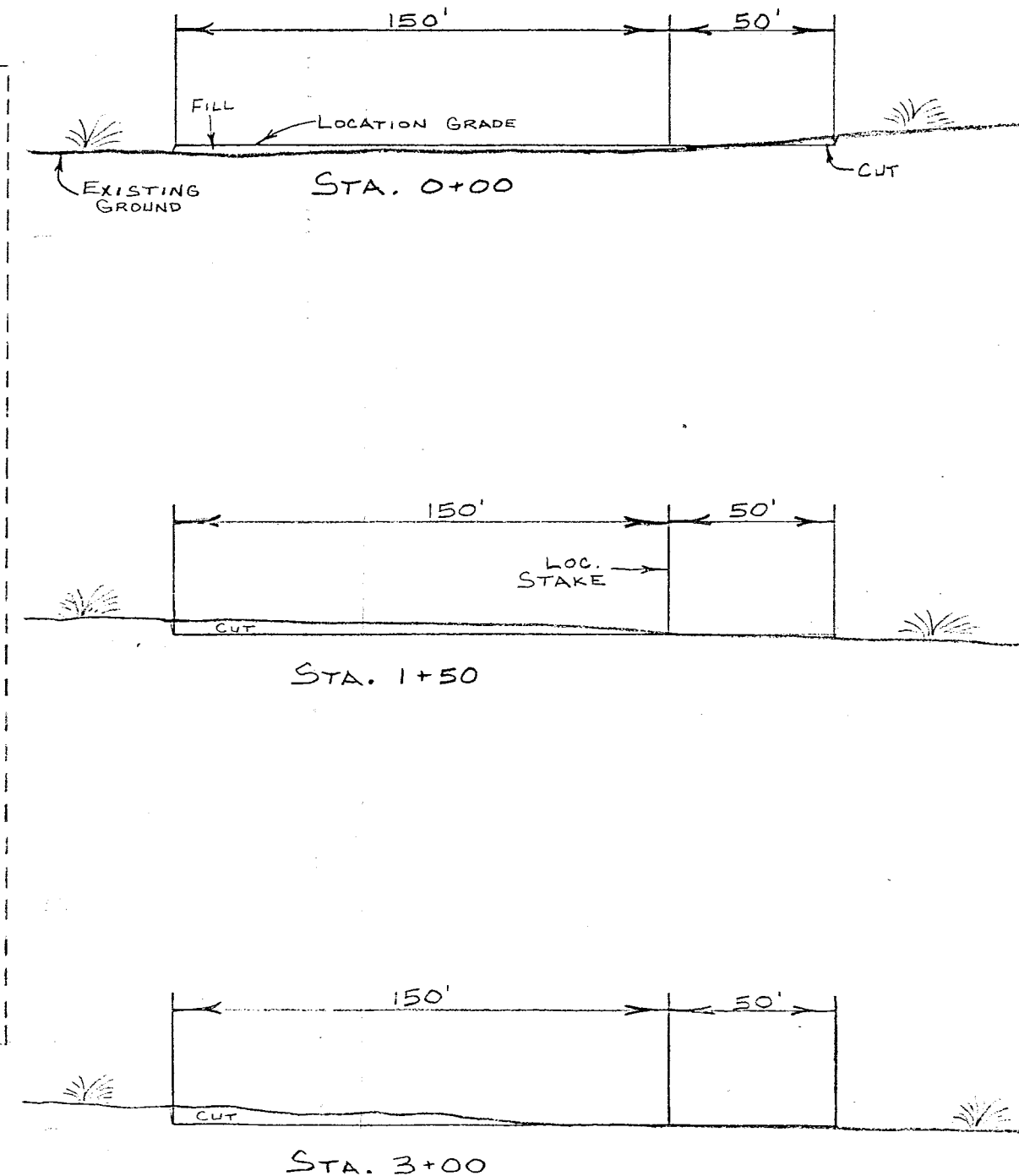
Date

4-26-78

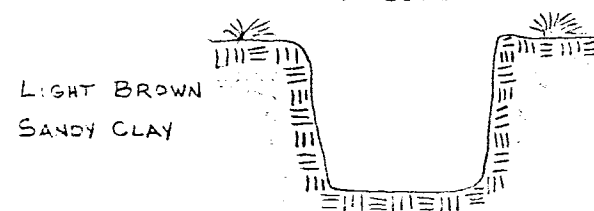
  
Joe M. Galovich

CONTINENTAL OIL Co.  
CONOCO-PINNACHOOSE et. al. 6 #3  
LOCATION LAYOUT SHEET

CROSS SECTIONS  
ALL SLOPES ARE 1:1

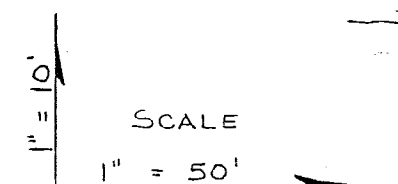


SOILS LITHOLOGY  
-NO SCALE-



APPROX. YARDAGES

CUT - 559 CU. YDS.  
FILL - 183 CU. YDS.



WILDLIFE REFUGE

RESERVATION

BOUNDARY

23

Wash

Oil Well

26

WATSON

ROAD

4661

5 MILES

36

RM 4684

4662

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BM 4666

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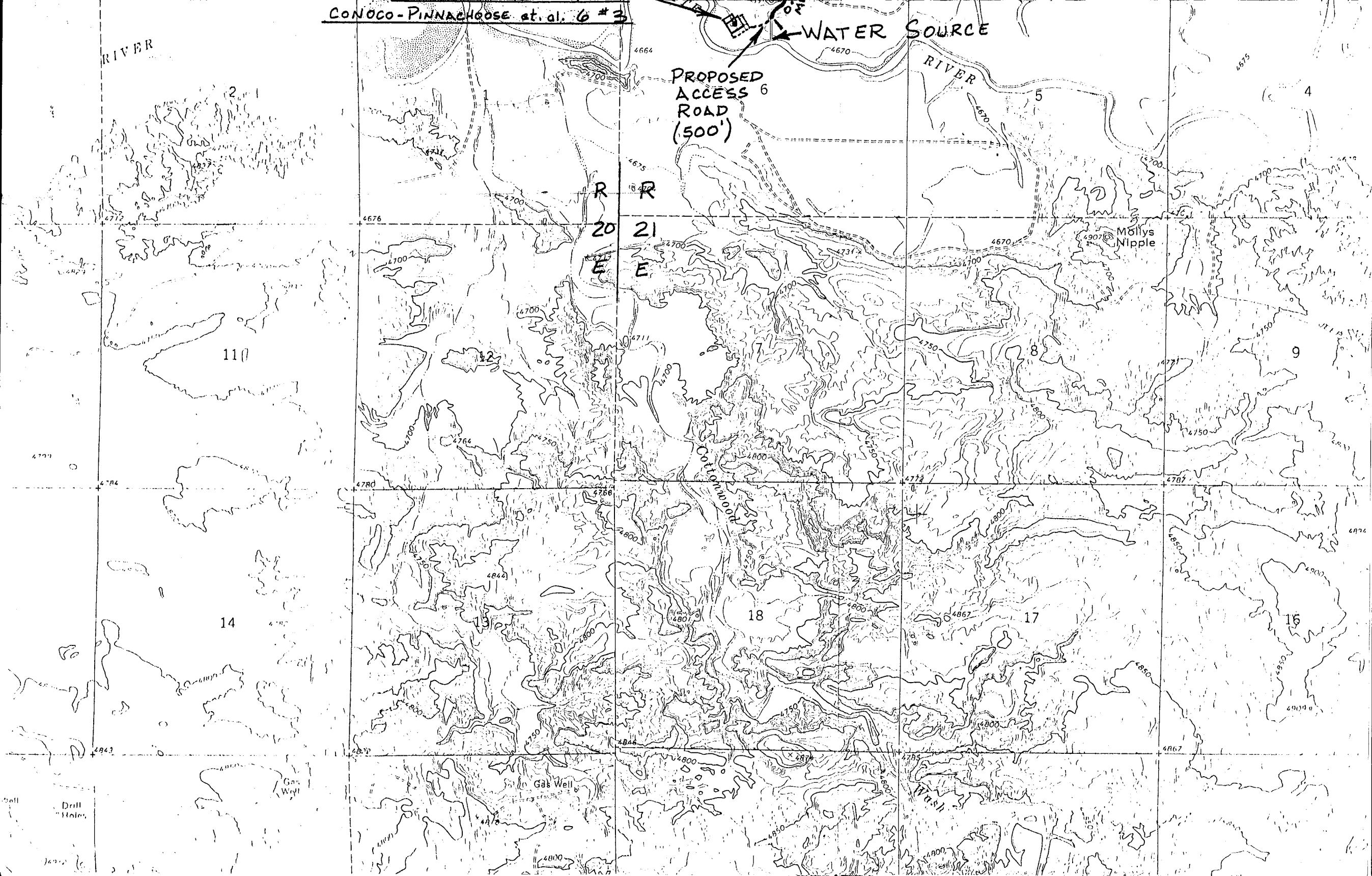
4997

4998

CONOCO-PINNACHOSE et. al. 6 #3

WATER SOURCE

PROPOSED  
ACCESS  
ROAD  
(500')



# CONTINENTAL OIL COMPANY PIPELINE RIGHT OF WAY ON UTE TRIBAL & UTE ALLOTTED LANDS



T8S R21E, S.L.B.8M.

LOCATED IN  
SECTIONS 31, 32, 33, & 34 T8S R21E, S.L.B.8M.  
& SECTION 6, T9S R21E, S.L.B.8M.

UINTAH COUNTY, UTAH  
Continental - Conoco-  
Anchoose  
6-3



## ENGINEER'S AFFIDAVIT

STATE OF UTAH  
COUNTY OF UTAH

SS:  
LAWRENCE C. KAY, BEING FIRST DULY SWORN, DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR CONTINENTAL OIL COMPANY, THAT THE SURVEY WAS MADE BY HIM OR UNDER HIS DIRECTION, THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEY FOR A PIPELINE RIGHT OF WAY AS DESCRIBED AND SHOWN ON THESE MAPS; THAT THESE MAPS WERE PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT OF WAY 4.69 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 247+80.62 IS ACCURATELY LOCATED ON THESE MAPS.

*Lawrence C. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 3137  
STATE OF UTAH

SUBSCRIBED AND SWORN TO BEFORE ME THIS 22 DAY OF March, 1979.

MY COMMISSION EXPIRES 6 June 1982

*Michael W. Weber*  
NOTARY PUBLIC

## APPLICANT'S CERTIFICATE

I, *Joe M. Greiner*, DO HEREBY CERTIFY THAT I AM THE AGENT FOR CONTINENTAL OIL COMPANY, HEREINAFTER DESIGNATED THE APPLICANT, THAT LAWRENCE C. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A REGISTERED LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF A PIPELINE RIGHT OF WAY AND TO PREPARE THESE MAPS; THAT THE LOCATION OF SAID RIGHT OF WAY, 4.69 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 247+80.62, IS ACCURATELY REPRESENTED ON THESE MAPS; THAT SUCH SURVEY AS REPRESENTED ON THESE MAPS HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT OF WAY THEREBY SHOWN; AND THAT THESE MAPS HAVE BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT OF WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, TO TRANSFER THIS RIGHT OF WAY BY ASSIGNMENT, GRANT, OR OTHERWISE

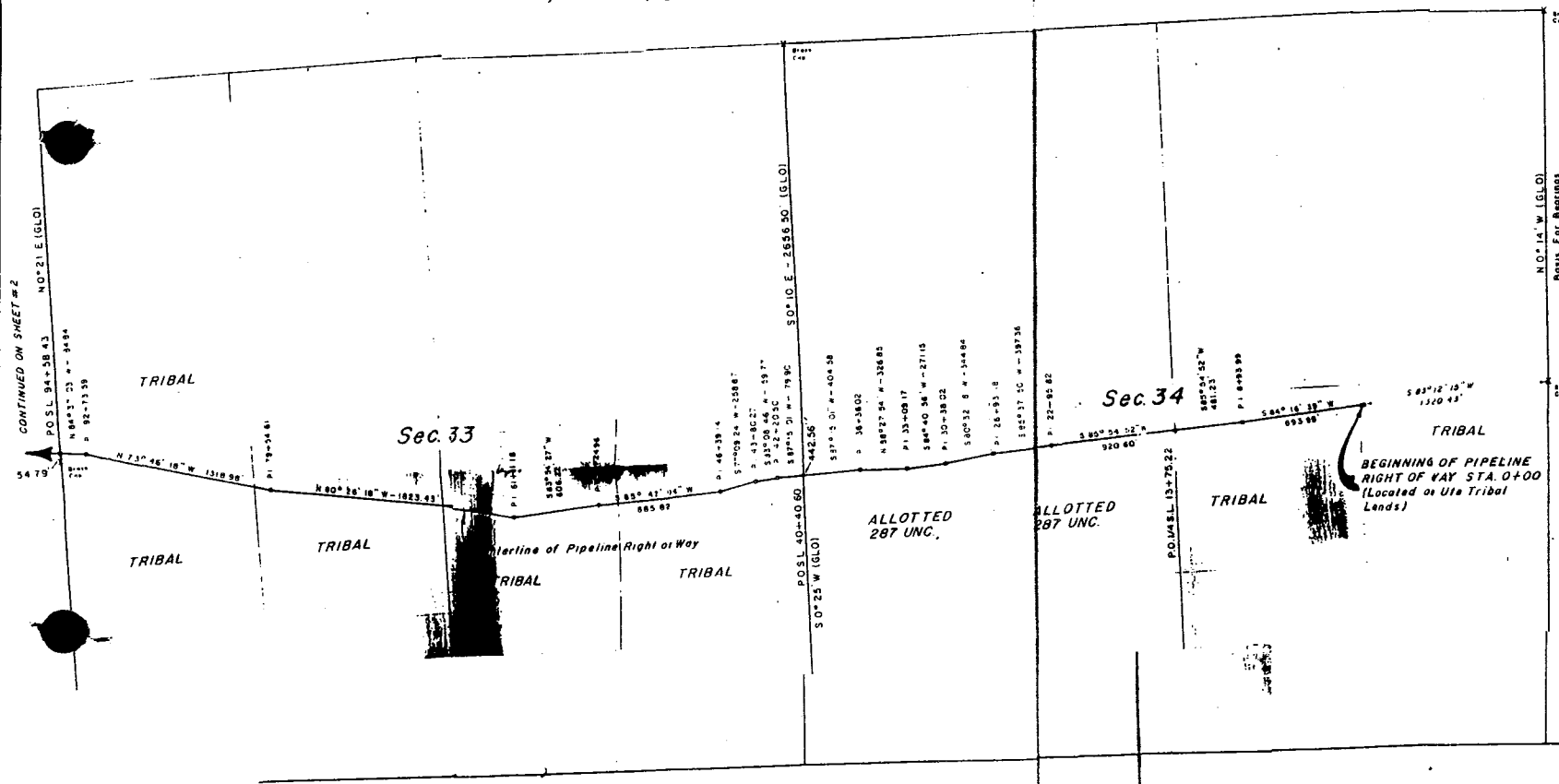
*Joe M. Greiner*  
APPLICANT  
*Paul Dept*  
TITLE  
CONTINENTAL OIL COMPANY

## RIGHT OF WAY ON ALLOTTED LANDS

LENGTH OF RIGHT OF WAY IS 2,665.38' OR 0.50 MILES  
WIDTH OF RIGHT OF WAY IS 50' (25' perpendicular on each side of the centerline)  
AREA OF RIGHT OF WAY IS 106 ACRES MORE OR LESS.

## RIGHT OF WAY ON TRIBAL LANDS

LENGTH OF RIGHT OF WAY IS 22,115.24' OR 4.19 MILES  
WIDTH OF RIGHT OF WAY IS 50' (25' perpendicular on each side of the centerline)  
AREA OF RIGHT OF WAY IS 2558 ACRES MORE OR LESS



REVISIONS

Utah Engineers & Land Surveyors

DRAWN BY: J. M. Greiner  
110 EAST 100 SOUTH  
VERMILION, UTAH 84058

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: May 3, 1978

Operator: Continental O.I. Co.

Well No: Conoco - Pinnacchoose #6-3

Location: Sec. 6 T. 9S R. 21E County: Vintuk

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API NUMBER: 43-049-30428

CHECKED BY:

Administrative Assistant DW

Remarks: Verbally OK'd to Gene Stegall

Petroleum Engineer \_\_\_\_\_

Remarks: \_\_\_\_\_

Director 7

Remarks: \_\_\_\_\_

~~No exception acceptable for topographical location~~  
~~exception would not be acceptable~~

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. 173 ☒  
(Reg. Section)

Surface Casing Change to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In \_\_\_\_\_ Unit ☐

Other: \_\_\_\_\_

☒ Letter Written/Approved

May 10, 1978

Continental Oil Company  
152 North Durbin  
Casper, Wyoming 82601

Re: Well No. Conoco-Pinnachoose 6-3  
Sec. 6, T. 9 S, R. 21 E,  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 173-1.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30428.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIHRT  
Director

cc: U.S. Geological Survey



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                               |  |  |                                                                       |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------|--|--|
| 1a. TYPE OF WORK<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                                              |  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>14-20-H62-3028                 |  |  |
| b. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                              |  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>A.L.                          |  |  |
| 2. NAME OF OPERATOR<br>Continental Oil Company                                                                                                                                |  |  | 7. UNIT AGREEMENT NAME                                                |  |  |
| 3. ADDRESS OF OPERATOR<br>152 N. Durbin, Casper, Wyoming 82601                                                                                                                |  |  | 8. FARM OR LEASE NAME<br>Conoco-Pinnachoose 6                         |  |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*<br>At surface<br>1281' FNL, 2306' FWL (SE NW)<br>At proposed prod. zone<br>Same |  |  | 9. WELL NO.<br>3                                                      |  |  |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*                                                                                                         |  |  | 10. FIELD AND POOL, OR WILDCAT<br>Mesaverde                           |  |  |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)                                                         |  |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 6, T9S, R21E |  |  |
| 16. NO. OF ACRES IN LEASE<br>160                                                                                                                                              |  |  | 12. COUNTY OR PARISH<br>Uintah                                        |  |  |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>320                                                                                                                                 |  |  | 13. STATE<br>Utah                                                     |  |  |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.                                                                 |  |  | 20. ROTARY OR CABLE TOOLS<br>Rotary                                   |  |  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>4669' Ungraded Ground                                                                                                       |  |  | 22. APPROX. DATE WORK WILL START*<br>June 17, 1978                    |  |  |

## 23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 15"          | 10 3/4"        | 40.5#           | 250'          | 250 sacks          |
| 9 1/2"       | 7 5/8"         | 26.4# 29.7#     | 8400'         | *                  |
| 6 1/2"       | 4 1/2"         | 11.6#           | 10,830'       | *                  |

It is proposed to drill Conoco-Pinnachoose 6 No. 3 as a Mesaverde gas producer. There are no cores or DST's planned. All appropriate logs will be run. It is anticipated to air drill this well until fluid entry into the wellbore becomes such a problem as to require a mud system.

If the Mesaverde proves non-commercial, we may plug back to the Wasatch.

\*Cement volume and placement of cement will depend upon which zones are commercial. Cement volumes will be determined from caliper log. Engineering will provide cement volumes and placement of centralizers and cementing tools after well has been logged and productive intervals have been determined.

## NOTICE OF APPROVAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED T.C. Thompson TITLE Administrative Supervisor DATE 6/18/78

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY (ORIG. SGD., W. P. MARTENS ACTING DISTRICT ENGINEER DATE JUN 24 1978  
CONDITIONS OF APPROVAL, IF ANY:

USGS (3), UOGCC (2), File

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING  
DRILLING AND COMPLETION APPROVED  
SUBJECT TO ROYALTY (NTL-4)

State O & G

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

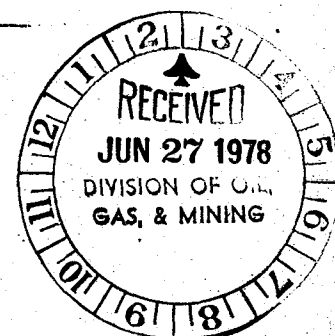


| Well                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Location                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| CONTINENTAL<br>OIL COMPANY<br>#3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1381' FNL & 2306' FNL (NE 1/4 NW 1/4)<br>SEC. 6 T. 9 S. R. 21 E, SLM.<br>UINTAH COUNTY, UTAH Gr El. 4669' |
| <p>1. Stratigraphy and Potential Oil and Gas Horizons. Alluvial deposits overlie the Uinta Formation at this location. The Green River and Wasatch Formations and the Mesaverde will be tested for gas. Estimated tops by the operator are probably not unreasonable.</p> <p>2. Fresh Water Sands. There are no recorded water wells in the vicinity of this proposed test. Fresh water may be present in alluvium and top 500 ft ± of the Uinta Formation. Usable water could occur at deep as 3000 ft. in the Green River Formation.</p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) In an area considered valuable prospectively for solid and semi-solid bitumens (Biscuite) Within oil shale withdrawal E.O. 5327. The richest oil shale beds are found in the mahogany zone of the Parachute Creek member of the Green River Formation and should be protected accordingly. Protection should extend from 40' above mahogany to 50' below mahogany zone. Location is underlain by oil shale sequence about 25 feet thick that will yield 25 gallons / ton. Mahogany zone should be at 2876' ±.</p> <p>4. Possible Lost Circulation Zones. Unknown.</p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Protect any fresh water aquifers penetrated.</p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. None anticipated by the operator.</p> <p>7. Competency of Beds at Proposed Casing Setting Points. Alluvium will be cased off.</p> <p>8. Additional Logs or Samples Needed. None. Operators log sequence is adequate to delineate oil shale beds in the Parachute Creek member of the Green River Formation.</p> <p>9. References and Remarks Within 2 mile radius of KGS.</p> |                                                                                                           |
| Date: 5/5/78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Signed: R.E.G.                                                                                            |

USUAL ENVIRONMENTAL ANALYSISOperator: Continental Oil Co. Well Name & No. Conoco-Pinnachoose 6 No. 3Location: 1,281' F NL & 2,306' F WL SE 1/4 NW 1/4 sec. 6, T. 9 S., R. 21 E.County: Uintah State: Utah Lease No.: 14-20-H62-3028Field: Measverde Unit: \_\_\_\_\_ Well Type: GasDate Inspected: June 7, 1978Inspector: James P. MitchellTitle: Environmental Scientist

Prepared by: \_\_\_\_\_

Other Agencies or Representatives concurrence:

Lynn Hull, Bureau of Indian Affairs Yes\_\_\_\_\_  
\_\_\_\_\_Major Federal action under NEPA NoNOTED JOHN T. EVANS, JR.  
5-12-78 *JE**Note*  
P.to to be lined



EA No. 1055

The following participated in a joint inspection of the proposed well-site and access road:

| <u>NAME</u>    | <u>REPRESENTING</u>    | <u>TITLE</u>                     | <u>STATIONED IN</u>                 |
|----------------|------------------------|----------------------------------|-------------------------------------|
| James Mitchell | USGS                   | Environmental Scientist          | Salt Lake City,<br>Utah (Temporary) |
| Lynn Hull      | BIA                    | Surface Protection<br>Specialist | Fort Duchesne, Utah                 |
| Warren Church  | Continental            | Maintenance Operator             | Rangely, Colorado                   |
| Roy Steele     | Don H. Steele<br>& Son | Dirt Contractor                  | Rangely, Colorado                   |

Proposed Action

Operator Name: Continental Oil Company

Lease Number: 14-20-H62-3028

Well Name & No.: Conoco-Pinnachoose 6

Location: SE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 6, T. 9 S., R. 21 E.

Changes in access road: One 24-foot cattleguard will be installed.

Surface Ownership: The surface is tribal land leased for farming.

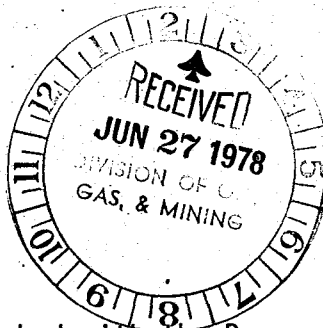
Date Application Filed: May 1, 1978

Objectives (oil or gas, proposed depth, zone, etc.): 10,830' TD.

Mancos formation gas test.

Time Frame: Spud date about June 17, 1978, with 45 days to completion.

Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans have been reviewed and are on file in the USGS District office in Salt Lake City, Utah, and the USGS Northern Rocky Mountain Area office in Casper, Wyoming.



A working agreement has been reached with the Bureau of Indian Affairs, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is attached.

### Environmental Consideration

The environmental considerations of this proposed action have been categorized into six parameters. These are: geology, soils, air, water, fauna and flora, and socio-economics, and land use.

The following is a breakdown of these parameters with emphasis given to those considerations of special significance to this proposed action.

### Geology

Regional Physiography: River flood plain on the edge of farm land. The location is about five miles upstream on the White River from its confluence with the Green River.

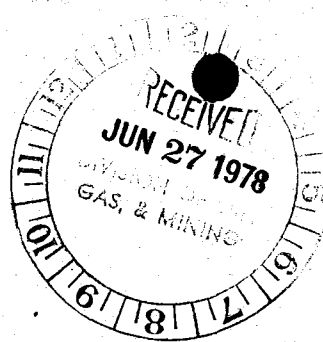
Surface Geology: Uintah formation

Potential Producing Zones and Depth: Wasatch - 5,941', Mesaverde - 8,436', and Mancos - 10,762'.

Major Geologic Hazards: None

Seismic Risk: Minor

Other Mineral Development in Area: None, other than oil and gas operations.



EA #1055

### Soils

Thick alluvial sand and silt loam. The alluvial subsoil has extensive interfingering of sand and gravel lenses and the water table is high in the area, consequently, the pits will be lined with polyurethane plastic.

Note:

### Air

#### Meteorology:

Mean Annual Temperature: 45° F

Temperature Extremes: 110° F to -30° F

Annual Precipitation: 8 to 10 inches

Frost Depth: 36 inches

Wind: Westerly

Toxic or noxious gases that may be encountered: None will be anticipated from this well.

#### Air Quality:

No specific data on air quality is available at the proposed locations; however, data from the White River Shale Project infers that the existing air quality relative to Federal Ambient Air Quality Standards is good. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

During the life of the project, but primarily during the drilling, dust levels and exhaust pollutants would increase.



EA#1055

It is not expected that any long-lasting detrimental reduction in overall air quality would result from the proposed action.

### Water

Nearest Permanent Water of Significant Drainage: White River, 1,000 feet southwest of location.

Water Wells in Area: None

The potential for spills, leaks, and related accidents would be present. However, a berm will be used to prevent spill-related damages in situations where drainages border the location. The pits will be unlined while drilling. If the well is a producer, and water disposal is involved, the operator must apply under USGS regulation NTL-2B for approval of whatever method he chooses for disposal of the produced water.

The operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans contain further information on protection of both the surface and subsurface waters of the area.

### Fauna and Flora

Area Wildlife: Deer, antelope, raccoon, beaver, muskrat, rabbits, small rodents, golden eagles, hawks, owls, lizards, snakes, and numerous migratory birds.



CA #1055

Vegetation: Sagebrush and native grass species, understory for cottonwood and willow growth.

Known Endangered and/or Threatened Species of Plants or Animals: None seen in area; however, bald eagles migrate through the area in the spring, and other waterfowl, including cranes would not be unusual.

Animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. No significant disturbance of nesting and/or breeding areas and migration routes is expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

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Socio-Economics and Land Use:

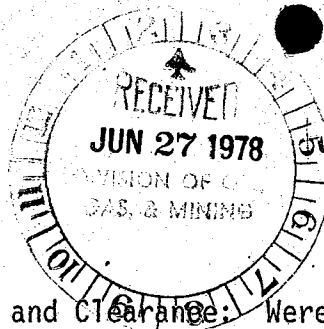
Nearest Town and Direction: Ouray, 5-1/2 miles northwest

Nearest Dwellings and Direction: A ranch 2 miles west.

Wellsite Location in Reference to Existing Production: This well is just north of the Bitter Creek field boundary.

Significant Area Historical, Cultural, or Archaeological Sites: None were observed.





EA #1055

Archaeological Inspection and Clearance: Were conducted by the Bureau of Indian Affairs, the controlling surface management agency.

Primary Land Use: Grazing land when adjacent farm land is fallow.

Area of Wellpad Disturbance: 1.95 acres

Area of Access Road Disturbance: 0.436 acre

Estimated Cut and Fill: No cuts or fills greater than 1-foot will be needed.

Area of Disturbance for Additional Producing or Treating Facilities, (if producer): Production facilities should require no additional disturbance.

Parks, forests, wildlife refuges or other formally designated recreation facilities in area: The Ouray National Wildlife Refuge is 3-1/2 miles north.

Method of Solid Waste Disposal: All combustible waste will be burned and the ashes buried. Noncombustible waste will be hauled to a designated dump.

{ The economic and environmental impact of a single well is normally somewhat negligible. But should this well discover a significant new hydrocarbon source, local, state, and possibly



EA #1055

national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Alternatives to the Proposed Action:

Alternate locations, with due consideration given to environmental factors, were examined. No viable, alternate sites could be selected that were within the legal boundaries of the lease. To not allow surface occupancy is the only other alternative.

Unavoidable Adverse Environmental Effects of the Proposed Action:

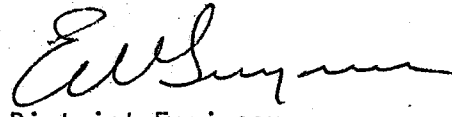
Surface scars resulting from construction work to the wellpad and access road would be visible for the life of the project and for a period of time after abandonment until rehabilitation is completed. The disturbed areas would not be available for farming or grazing purposes during the project's lifetime. Relocation of area wildlife would be anticipated. Possibilities for spills and resultant erosion would exist, and a certain amount of air pollution from dust and exhaust fumes would also occur, as would an increase in noise levels. However, it is not anticipated that any of these adverse effects would cause a significant, lasting degradation of the environment.

Controversial Issues and Conservation Division Responses: None

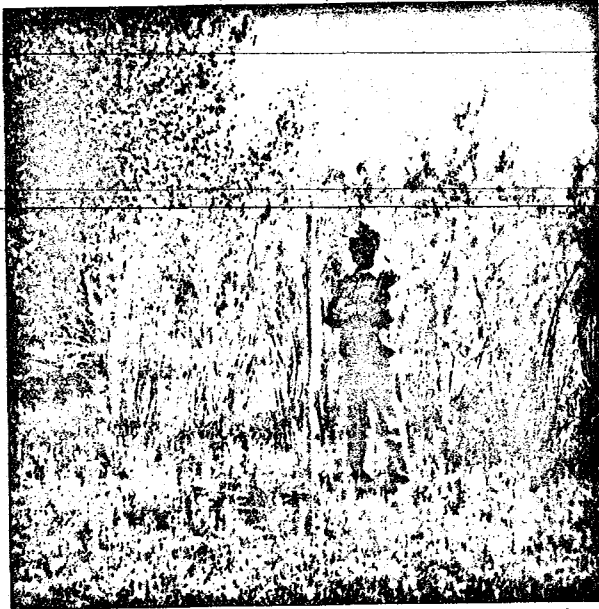
EA No. 1055

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(c).



District Engineer  
Salt Lake City, Utah



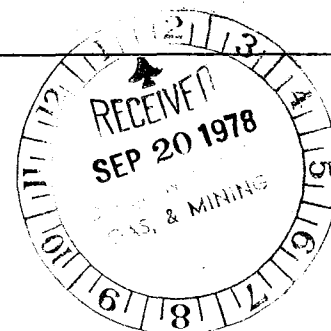
Facing N Coraco location  
Pinnschoose 6





Alex M. Yarsa  
Division Manager  
Production Department

Continental Oil Company  
152 North Durbin  
Pacific Western Life Building  
Casper, Wyoming 82601  
(307) 234-7311



## OURAY FIELD

Conoco-Pinnecoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Vaughn - Conoco 1.0000000

Location: 1281' FNL, 2306' FWL, Sec. 6, T9S, R21E, Uintah Co., Utah. AFE  
12-61-1226. API Well No. to follow. Contractor: Cactus. Mud supplier:  
Milchem. Elevations: GL 4669', KB to follow.

9-9-78: Drilling at 143'. 12 $\frac{1}{4}$ " hole. Tagged cement in conductor pipe at 57'.  
Spudded at 6:30 p.m. Using 8" drill collars. Drlg. with stiff foam. Bit #1  
in hole. BHA - bit, bit sub, 3 8" drill collars, and cross-over.

9-10-78: Drilling at 430'. Made 287'. 12 $\frac{1}{4}$ " hole. Bit torquing. Pulled  
out of hole for balled bit. Cleaned and ran in hole. Changed rotating head  
rubber. Drilling with air/foam - Wt. 8.7#; Vis. 38; WL 8.8 cc; chlorides  
500 ppm. Bit #1 in hole. BHA - bit, bit sub, 4 8" drill collars, cross-over,  
9 6 $\frac{1}{4}$ " drill collars, and cross-over.

9-11-78: Drilling at 840'. Made 410'. 12 $\frac{1}{4}$ " hole. Survey:  $\frac{1}{4}$ ° at 500'.  
Bit #1 in hole. 4 8" and 12 6 $\frac{1}{4}$ " drill collars; WOB 25,000-35,000#; 55  
RPM; 1 compressor - 900 CMF, 1 booster, 1 mist pump; PP 150#; BHA - bit,  
bit sub, 4 8" drill collars, cross-over, 12 6 $\frac{1}{4}$ " drill collars, and cross-  
over. Drlg. with air/foam - Wt. 8.8#; Vis. 34; WL 10.0 cc; FC 1/32; pH 11.5;  
gel strength ini./10 min. 2 / 8; 3.2% solids;  $\frac{1}{4}$  of 1% sand; chlorides 200 ppm;  
PV 7; Yp 6. Cum. mud cost: \$3037. Cactus 0/2 $\frac{1}{2}$ /0.

Conoco-Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Vaughn - Conoco 1.0000000

9-12-78: Drilling at 1253'. Made 413'. 12 $\frac{1}{4}$ " hole. Survey: 0° at 970'.  
Bit #1 in hole. 4 8" and 12 6 $\frac{1}{4}$ " drill collars; WOB 30,000-40,000#; 55 RPM;  
one 900 CFM compressor, one booster, and one mist pump; PP 150#; BHA - bit,  
bit sub, 4 8" drill collars, cross-over, 12 6 $\frac{1}{4}$ " drill collars, and cross-over.  
Drlg. with air/foam - Wt. 8.9#; Vis. 38; WL 6.0 cc; FC 1/32; pH 10.5; gel strength  
ini./10 min. 5 / 12; 4.2% solids; trace of sand; chlorides 200 ppm; PV 14; Yp 16.  
Cum. mud cost: \$4127. Cactus 0/3 $\frac{1}{2}$ /0.

Conoco-Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Vaughn - Conoco 1.0000000

9-13-78: Drilling at 1725'. Made 472'. 12 $\frac{1}{4}$ " hole. Survey:  $\frac{1}{4}$ ° at 1500'.  
Drlg. with air/foam - Wt. 8.7#; Vis. 38; WL 9.2 cc; chlorides 200 ppm; FC  
1/32; pH 8.5; gel strength ini./10 min. 3 / 7; 2.8% solids; trace of sand;  
PV 13; Yp 7. Cum. mud cost: \$4761. Bit #1 in hole. 4 8" and 12 6 $\frac{1}{4}$ "  
drill collars; WOB 35,000-40,000#; 55 RPM; 1 900 CFM compressor, one booster,  
and one mist pump; PP 150#; BHA - bit, bit sub, 4 8" drill collars, cross-over,  
12 6 $\frac{1}{4}$ " drill collars, and cross-over. Cum. mud cost: \$4761. Cactus 0/4 $\frac{1}{2}$ /0.

FORM OGC-8-X  
FINLE IN QUADRUPLICATE

9-15-78

CIRCULATE TO:

DIRECTOR ☐  
PETROLEUM ENGINEER ☒  
MINE COORDINATOR ☐  
ADMINISTRATIVE ASSISTANT ☐  
ALL ☐

RETURN TO Kathy FOR FILING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

WELL NAME & NUMBER Conoco-Pinnacoose et al 6-3

OPERATOR Continental Oil Co.

Address 152 N. Durbin St., Casper, WY 82601

CONTRACTOR Cactus Drlg. Co.

Address Box 1239, Richardson, TX 75080

LOCATION NE 1/4 NW 1/4; Sec. 6; T. 9S N; R. 21E E  
S W

COUNTY Uintah

WATER SANDS: None.

|    | DEPTH      | VOLUME:             | QUALITY:         |
|----|------------|---------------------|------------------|
|    | From - to- | Flow Rate or Head - | Fresh or Salty - |
| 1. | _____      | _____               | _____            |
| 2. | _____      | _____               | _____            |
| 3. | _____      | _____               | _____            |
| 4. | _____      | _____               | _____            |
| 5. | _____      | _____               | _____            |

(Continue on Reverse Side if Necessary)

FORMATION TOPS:

NOTE:

- Upon diminishing supply of forms, please inform this office.
- Report on this form as provided for in Rule C-20. General Rules and Regulations and Rules of Practice and Procedure.
- If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

11-3-78

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DIVISION OF OIL, GAS, AND MINING  
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Address Box 1239, Richardson, TX 75080

LOCATION NE 1/4 NW 1/4; Sec. 6; T. 9S N; R. 21E E  
S W

COUNTY Uintah

WATER SANDS: None.

|    | <u>DEPTH</u> | <u>VOLUME:</u>      | <u>QUALITY:</u>  |
|----|--------------|---------------------|------------------|
|    | From - to-   | Flow Rate or Head - | Fresh or Salty - |
| 1. | _____        | _____               | _____            |
| 2. | _____        | _____               | _____            |
| 3. | _____        | _____               | _____            |
| 4. | _____        | _____               | _____            |
| 5. | _____        | _____               | _____            |

(Continue on Reverse Side if Necessary)

FORMATION TOPS:

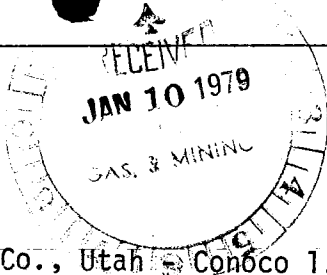
NOTE:

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Production Department

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152 North Durbin  
Pacific Western Life Building  
Casper, Wyoming 82601  
(307) 234-7311



OURAY FIELD = Uintah Co., Utah - Conoco 1.0000000

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 12-28-78: Tubing and casing pressure 1800#. Rigged up Dowell and tested line to 5500#. Frac'd. Wasatch down tubing and annulus as follows: Pad and frac fluid contained 2% KCl water with 40#/1000 gallons "J-266", 20#/1000 gallons "ADOMITE AQUA" and 1 gal./1000 gal. "F-78" surfactant. Pumped 12,000 gal. pad followed with 15,000 gal. containing 1/2#/gal. 20-40 sand, 15,000 gal. containing 1#/gal. 20-40 sand, 15,000 gal. containing 1 1/2#/gal. 20-40 sand, 30,000 gal. containing 2#/gal. 20-40 sand, and 25,000 gal. containing 3#/gal. 20-40 sand. Flushed with 135 bbls. of 2% KCl slick water. Average injection rate 53 BPM. Average injection pressure 3900#. Max. pressure 4500#; final pressure 4200#; ISIP 1700#; 15 min. 1600#. Used total of 280,000# 20-40 mesh sand, 2800 bbls. frac fluid to recover. Rigged down Dowell. Note: Did not use ball sealers.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 12-29-78: Started flowing frac fluid to pit at 8:00 a.m. Rate 20 bbls./hr. CP 600#, TP 450#. Total frac fluid to recover 2800 bbls.

12-30-78: Flowing well to pit at rate of 20 bbls. frac fluid/hr. Total frac fluid to recover at 8:00 a.m. 2320 bbls.

12-31-78: Flowing well to pit at rate of 20 bbls. frac fluid/hr. Total frac fluid to recover at 8:00 a.m. 1840 bbls.

1-1-79: Flowing well to pit at 20 bbls. frac fluid/hr. Total frac fluid to recover at 8:00 a.m. 1360 bbls.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 1-2-79: Flowing well to pit. Flowing with very heavy mist and moderate gas blow thru 12/64" choke. CP 2100#, TP 1000#. 1046 BL to recover.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 1-3-79: Flowing well to pit. Attempted to run test thru critical flow prover for 3 hrs. thru 1/2" plate. CP 1100#, TP 430# to 470# (heading flow). Rate 1.3 MMCF. Making some emulsified distillate with some frac fluid which contained fine sand. Put well back on choke. Flowing to pit to clean up.



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OURAY FIELD - Uintah Co., Utah - Conoco 1.0000000

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 12-20-78: Pulled remainder of 2 3/8" tubing. Stood back 104 stands. Singled down 20 jts. and laid down bit. Picked up and installed BOP. Rigged up Schlumberger and ran GR-CCL-CBL-VDL logs from PBTD 7055' to 2500' with 2000# pressure on casing. Very good bonding from PBTD to 6250'. Good cement bonding from 6200-3910'. Poor bonding from 3910'-3234'. Free pipe above 3234'. Rigged down Schlumberger. Pressure tested casing to 5000# for 15 min. Tested okay. Drained equipment. SDON.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 12-21-78: Rigged up Oilwell perforators. Perforated the Wasatch with one 19 gram jet at each of the following KB depths: 6515', 6517', 6519', 6521', 6523', 6532', 6534', 6789', 6789.5', 6790', 6790.5', 6791', 6791.5', 6792', 6792.5', 6861', 6862', 6863', 6864', 6865', 6866', 6867', 6868', total of 23 holes. Well began to gas and pressure up. Rigged down Oilwell Perforators. Ran in hole with 208 joints of 2 3/8" EUE tubing. Prep. to land tubing. SDON.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 12-22-78: Landed tubing at 6475' KB with 5' tungsten carbide coated blast sub on top. Rigged up Dowell and tested lines to 7000 psi. Broke down Wasatch perfs with 2250 gallons of 15% HCl and 35 bbls. 2% KCl water, displacing fluid. All breakdown fluid contained 4#/1000 gal. "J-120" fluid loss reducer. Pumped 6 bbls. acid with balls. Then pumped 1 ball/bbl. through next 36 bbls., 1 ball/1 1/2 bbl. in next 21 bbls. Total of 50 ball sealers dropped. Total of 89 bbls. of acid and water pumped pumped at 6 BPM. Formation broke at 3800 psi TP. Static in CP of 1950 psi. Good balling action. Balled off to 6600 psi TP and 5300 psi CP. ISIP 2000#, 5 min. SIP 1000#. Rigged down Dowell. Laid line to pit and opened well to pit. Recovered 40 bbls. 1st hour. Flow dropped to rate of 25 BPD. Left well open to pits. 12-23-78: Flowing light mist at 300# CP. Est. flow rate 150 MCFD. 12-24-25&26-78: Cleaning up well to pit.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 12-27-78: At 8:00 a.m. well was flowing at rate of 200 MCFPD with no liquids. Shut well in, preparing to frac.





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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
Location: NE NW Sec. 6, T9S, R21E

TD 8570', PBTD 5364'. 11-2-78: Waiting on completion unit.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Haller

10-28-78: Logging. Depth 8570' - sand and shale. Made 24'. 7 7/8" hole. Drilled to 8570'. Circ. and cond. hole. Dropped survey. Pumped survey and pill. Rigged up Schlumberger. Run #1 - DLL/GR - 8575-2510'. Run #2 FDC/GR/Cal. 8570-4430' and 3730-3050'. Hole in good shape and standing full of mud. Bit #12 - HTC J-33 - 8365-8570'. BHA - same as 10-27-78. Salt base mud - Wt. 9.8#; Vis. 38; WL 9.6 cc; chlorides 94,000 ppm; salinity 155,000 ppm.

10-29-78: Running 5 1/2" casing. Depth 8570'. 7 7/8" hole. Log run #3 - Sonic - 8570-2510'. Rigged down Schlumberger. Ran in hole. Cond. hole. Pulled out of hole. Laid down dr-11 pipe and drill collars. Rigged up casing crew and ran 40 jts. 5 1/2" casing. Survey: 4 1/2" at 8570'. Salt base mud - Wt. 9.8#; Vis. 36; WL 8.0 cc; chlorides 92,000 ppm; salinity 152,000 ppm.

10-30-78: Waiting on McElroy and rigging down. TD 8570', PBTD 5364'. Ran 5 1/2" casing to 7160' (175 jts.). Circ. casing. Landed shoe at 7160', float collar 7116', and DV at 5364'. Cemented first stage with B-J with 15 bbls. "Mud Sweep", 525 sacks Class "G", 18% "A-5" (salt, 0.75% "D-31" and 1.0% "R-6" (retarder). Mixed at 15.8 ppg. Displaced with 41 BW and 128 bbls. mud. Bumped plug at 2000 psi at 12:45 p.m. Good returns throughout. Float held okay. Opened DV tool. Circ. 4 hrs. before second stage. Pumped

15 bbls. "Mud Sweep", 803 sacks Class "G" 50-50 Pozmix with 4% gel and 10% "A-5" at 14.3 ppg. Displaced with 127 BW. Bumped plug with 2500 psi at 5:40 p.m. Good returns except last 30 bbls. with partial returns. hole standing full - DV closed. Nippled down BOP. Tried to set slips unsuccessfully. Waiting on serviceman. Cum. mud cost: \$49,610. Cactus 0/51 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Haller

10-31-78: Set slips with 100,000#. Stripped out BOP. Released rig at 8:00 a.m.  
10-30-78. Cactus 0 - 51 3/4 - 0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E

TD 8570', PBTD 5364'. 10-31-78: Waiting on completion unit.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E

TD 8570', PBTD 5364'. 11-1-78: Waiting on completion unit.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Haller

10-25-78: Drilling sand and shale at 8383'. Made 18'. 7 7/8" hole. Waited on swivel. Picked up swivel. Ran in hole. Repaired chain on drawworks. Finished tripping in hole. Drilled from 8365' to 8383'. Now drilling 4'/hr. Background gas = 3 units; trip gas = 710 units. Bit #12 in hole. 23 6 1/4" drill collars; WOB 40,000-45,000#; 60 RPM; drill pipe tool jts.: 4" IF; drill collar tool jts.: 4" XH; 5 1/2" x 16" pump; 54 SPM; 258 GPM; PP 1500#; ann. vel. - 275 on drill collars and 135 on drill pipe; jet vel. 300; BHA bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 16 drill collars, Daley jars, 4 drill collars, and crossover. Drlg. with salt base mud - Wt. 9.9#; Vis. 36; WL 10.0 cc; FC 2/32; pH 10.4 cc; gel strength ini./10 min. 13 / 15; 5.5% solids; 1/4 of 1% sand; chlorides 95,000 ppm; salinity 157,000 ppm; PV 10; Yp 19. Cum. mud cost: \$47,496. Cactus 0/46 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Haller

10-26-78: Drilling sand and shale at 8456'. Made 73'. 7 7/8" hole. Background gas = 1 unit. Drlg. with salt base mud - Wt. 9.8#; Vis. 36; WL 8.2 cc; chlorides 98,000 ppm; salinity 161,000 ppm; FC 2/32; pH 10; gel strength ini./10 min. 14 / 15; 4.8% solids; trace of sand; PV 8; Yp 19. Cum. mud cost: \$48,301. Cactus 0/47 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Haller

10-27-78: Drilling sand and shale at 8546'. Made 90'. 7 7/8" hole. One unit of background gas, no peaks. Bit #12 in hole. 23 6 1/4" drill collars; WOB 40,000-45,000#; 60 RPM; drill pipe tool jts.: 4" IF; drill collar tool jts.: 4 1/2" X-H; 5 1/2" x 16" pump; 54 SPM; 258 GPM; PP 1500#; ann. vel. - 275 on drill collars and 135 on drill pipe; jet vel. 300; BHA - bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 16 drill collars, Daily jars, 4 drill collars, and crossover. Drlg. with salt base mud - Wt. 9.7#; Vis. 36; WL 9.6 cc; FC 2/32; pH 9.8; gel strength ini./10 min. 13 / 16; 5.2% solids; 1/4 of 1% sand; chlorides 95,000 ppm; salinity 157,000 ppm; PV 9; Yp 19. Cum. mud cost: \$49,101. Cactus 0/48 1/2/0.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Haller

10-21-78: Drilling sand and shale at 8193'. Made 105'. 7 7/8" hole. One unit background gas. Bit #11 in hole. Drlg. with salt base mud - Wt. 9.8#; Vis. 36; WL 7.2 cc; chlorides 118,000 ppm; salinity 195,000 ppm.

10-22-78: Drilling sand and shale at 8292'. Made 99'. 7 7/8" hole. Pump down for washed out seat. One unit background gas; 20 units background gas at 8182'. Bit #11 in hole. Drlg. with salt base mud - Wt. 9.7#; Vis. 36; WL 10.8 cc; chlorides 120,000 ppm; salinity 172,000 ppm.

10-23-78: Drilling soft shale at 8363'. Made 71'. 7 7/8" hole. Background gas = 1 unit; one peak of 36 units; 10' drlg. break 8291-8301'. Repaired pumps. Bit #11 in hole. 23 6 1/4" drill collars; WOB 40,000-45,000# 60 RPM; drill pipe tool jts.: 4" IF; drill collar tool jts.: 4 1/2" X-H; 5 1/2" x 16" pump; 54 SPM; GPM 258; PP 1500#; ann. vel. - 275 on drill collars and 135 on drill pipe; jet vel. 295; BHA - bit, stabilizer, drill collar, string stabilizer, 2 drill collars, IB stabilizer, 16 drill collars, Daley jars, 4 drill collars, crossover, and drill pipe. Survey: 4 3/4° at 7990'. Drlg. with salt base mud - Wt. 9.8#; Vis. 31; WL 14.4 cc; FC 2/32; pH 10.6; gel strength ini./10 min. 11 / 12; 5.0% solids; 1/8 of 1% sand; chlorides 100,000 ppm; salinity 165,000 ppm; PV 8; Yp 23. Cum. mud cost: \$47,496. Cactus 0/44 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Haller

10-24-78: Waiting on parts. Depth 8365' - sand and shale. Made 2'. 7 7/8" hole. Surveyed and pumped pill before pulling out of hole. Laid down jars and installed rotary torque gauge. Ran in hole to bottom of surface casing. Cut drill line. Repaired swivel and mud pump. Waited 6 hrs. on swivel jam nut. Survey: 2 1/2° at 8365'. Bit #11 - HTC J-44 - 7990' to 8365'. Bit #12 in hole. 23 6 1/4" drill collars; WOB 40,000-45,000#; 60 RPM; drill pipe tool jts.: 4 1/2" IF; drill collar tool jts.: 4 1/2" X-H; 5 1/2" x 16" pump; 54 SPM; 258 GPM; PP 1500#; ann. vel. - 275 on drill collars and 135 on drill pipe; jet vel. 295; BHA - bit, stabilizer, drill collar, string stabilizer, 2 drill collars, IB stabilizer, 16 drill collars, Daley jars, 4 drill collars, crossover and drill pipe. Drlg. with salt base mud - Wt. 9.8#; Vis. 36; WL 14.4 cc; FC 2/32; pH 10.6; gel strength ini./10 min. 11 / 12; 5% solids; 1/8 of 1% sand; chlorides 100,000 ppm; salinity 165,000 ppm; PV 8; Yp 23. Cum. mud cost: \$47,496. Cactus 0/45 1/2/0.



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15 #2 - Wasatch - 9150' - Conoco 1.0000000 - Location: SE SE Sec. 15, T9S, R23E

TD 9170'. 10-23-78: Cleaned sand from all lines and from production unit.  
Started blowing well to pit. CP before opening well to pit was 2100#. Blowing well down.

15 #2 - Wasatch - 9150' - Conoco 1.0000000 - Location: SE SE Sec. 15, T9S, R23E

TD 9170'. 10-24-78: Flowing well to pit. Cleaning up well. Well blowing.

15 #2 - Wasatch - 9150' - Conoco 1.0000000 - Location: SE SE Sec. 15, T9S, R23E

TD 9170'. 10-25-78: Flowing well thru production unit on 17/64" choke. CP 1200#, TP 800#. Making 17 BF/H (water). No rate reported. Well not stabilized.

15 #2 - Wasatch - 9150' - Conoco 1.0000000 - Location: SE SE Sec. 15, T9S, R23E

TD 9170'. 10-26-78: Flowed well thru production unit. Rate test stabilized during last 15 hrs. of flowing: 442 MCF/D with 6 BW/H. FTP 350#, CP 800#.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-18-78: Drilling sand and shale at 7956'. Made 99'. 7 7/8" hole. Background units = 2; high of 4 units at 7925'. Bit #10 in hole. 23 6 1/4" drill collars; WOB 45,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 54 SPM; 258 GPM; PP 1500#; ann. vel. - 275 on drill collars and 135 on drill pipe; jet bel. 295; BHA - bit, near bit stabilizer, drill collar, string stabilizer, 2 drill collars, string stabilizer, 8 drill collars, Daley jars, 4 drill collars, crossover, and drill pipe. Drlg. with salt base mud - Wt. 9.9#; Vis. 36; WL 6.4 cc; FC 2/32; pH 8.5; gel strength ini./10 min. 7 / 8; 4.6% solids; 1/2 of 1% sand; chlorides 114,000 ppm; salinity 188,100 ppm; PV 9; Yp 13. Cum. mud cost: \$43,806. Cactus 0/39 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-19-78: Drilling sand and shale at 7998'. Made 42'. 7 7/8" hole. Drilled to 7990'. Dropped survey. Pulled out of hole for bit #11. Ran in hole. Drld. to 7998'. Trip gas = 820 units; background = 6 units. Survey: 4 3/4° at 7990'. Bit #10 - HTC J-44 - 7697' to 7990'. Bit #11 in hole. 23 6 1/4" drill collars; WOB 45,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 54 SPM; 258 GPM; PP 1400#; ann. vel - 275 on drill collars and 135 on drill pipe; jet vel. 295; BHA - bit, stabilizer, drill collar, string stabilizer, 2 drill collars, IB stabilizer, 16 drill collars, Daley jars, 4 drill collars, crossover, and drill pipe. Salt base mud - Wt. 9.8# Vis. 38; WL 13.2 cc; FC 2/32; pH 8.0; gel strength ini./10 min. 11 / 13; 4.4% solids; 1/3 of 1% sand; chlorides 116,000 ppm; salinity 191,400 ppm; PV 8; Yp 14. Cum. mud cost: \$44,783. Cactus 0/40 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foremen: Gaukel and Haller

10-20-78: Drilling sand and shale at 8088'. Made 90'. 7 7/8" hole. Background gas = 3 units; no peaks of gas. Drlg. with salt base mud - Wt. 9.9#; Vis. 36; WL 8.2 cc; FC 2/32; pH 9.4; gel strength ini./10 min. 11 / 12; 5% solids; 1/8 of 1% sand; chlorides 105,000 ppm; salinity 173,000 ppm; PV 10; Yp 13. Cum. mud cost: \$45,430. Cactus 0/41 1/2/0.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-13-78: Drilling at 7650'. Made 98'. 7 7/8" hole. Drlg. with salt base mud - Wt. 10.0#; Vis. 37; WL 4.8 cc; FC 2/32; pH 8.5; gel strength ini./10 min. 10 / 11; 5.2% solids; 1/4 of 1% sand; chlorides 91,000 ppm; salinity 150,150 ppm; PV 8; Yp 15. Cum. mud cost: \$40,719. Bit #9 - STC F-45 in hole. 23 6 1/4" drill collars; WOB 40,000-45,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg.,

4 1/2" X-H; 5 1/2" x 16" pump; 60 SPM; 256 GPM; PP 1400#; ann. vel. 271 on drill collars and 135 on drill pipe; jet vel. 291; BHA - bit, near bit stabilizer, drill collar, string stabilizer, 2 drill collars, string stabilizer, 8 drill collars, Daley jars, 4 drill collars, cross-over, and drill pipe. Cactus 0/34 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-14-78: Pulling out of hole. Depth 7697'. Made 47'. 7 7/8" hole. Survey: 50 at 7697'. Bit #9 - STC F4J - 7404' to 7697'. Drlg. with salt base mud - Wt. 9.9#; Vis. 33; WL 4.4; chlorides 95,000 ppm; salinity 156,750 ppm.

10-15-78: Repairing rotary table. Depth 7697'. 7 7/8" hole. Replacing bearings on rotary table.

10-16-78: Drilling at 7750'. Made 53'. 7 7/8" hole. Finished repairing rotary table. Ran in hole with bit #10. Broke circulation at 3600'. Washed one stand to bottom with no fill and drilled to 7750'. Background gas = 2 units; high of 3 units at 7702'; trip gas 70 units. Bit #10 in hole. 23 6 1/4" drill collars; WOB 40,000-45,000#; 65-60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" X-H; 5 1/2" x 16" pump; 54 SPM; 280 GPM; PP 1500#; ann. vel. - 299 on drill collars and 149 on drill pipe; jet vel. 322; BHA - bit, near bit stabilizer, drill collar, string stabilizer, 2 drill collars, string stabilizer, 8 drill collars, Daley jars, 4 drill collars, crossover and drill pipe. Drlg. with salt base mud - Wt. 9.9#; Vis. 37; WL 5.6 cc; FC 2/32; pH 9; gel strength ini./10 min. 7 / 9; 4.8% solids; 1/4 of 1% sand; chlorides 95,000 ppm; salinity 156,750 ppm; PV 6; Yp 15. Cum. mud cost: \$42,210. Cactus 0/37 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-17-78: Drilling sand and shale at 7857'. Made 107'. 7 7/8" hole. One unit of background gas; high of 11 units at 7802'. Bit #10 in hole. 23 6 1/4" drill collars; WOB 40,000-45,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 54 SPM; 280 GPM; PP 1500#; ann. vel. - 299 on drill collars and 149 on drill pipe; jet vel. 322; BHA - bit, near bit stabilizer, drill collar, string stabilizer, 2 drill collars, string stabilizer, 8 drill collars, Daley jars, 4 drill collars, crossover, and drill pipe. Drlg. with salt base mud - Wt. 9.9#; Vis. 37; WL 7.2 cc; FC 2/32; pH 9.5; gel strength ini./10 min. 7 / 8; 4.8% solids; 1/4 of 1% sand; chlorides 100,000 ppm; salinity 165,000 ppm; PV 7; Yp 16. Cum. mud cost: \$43,208. Cactus 0/38 1/2/0.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-10-78: Depth 7404' - shale. Made 52'. 7 7/8" hole. Drilled to 7404'. Lost pump pressure. Twisted off at 7174'. Pulled out of hole. Picked up overshot, spiral grapple, pack-off, bumper sub, hydraulic jars, crossover, 6 drill collars, 2 crossovers, accelerator sub, crossover, 5 drill collars, crossover and drill pipe. Ran in hole to 7174'. Fish = bit, near bit stabilizer, 1 drill collar, string stabilizer, 2 drill collars, string stabilizer, and 4 drill collars. Twist-off was in box at end of pin. Tagged, caught fish, and pulled out of hole. Bit #8 in hole. 19 6 1/4" drill collars; WOB 35,000#; 60 RPM; drill pipe tool jts.: 3 1/2" F-H; drill collar tool jts.: 6 5/8" reg., 4 1/2" X-H; #2 pump - 5 1/2" x 15"; 64 SPM; 291 GPM; PP 1000#; ann. vel. - 310 on drill collars and 154 on drill pipe; jet vel. 333; BHA - bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 12 drill collars, Daley jars, and 4 drill collars. Salt base mud - Wt. 10.2#; Vis. 40; WL 13.4 cc; FC 2/32; pH 8.5; gel strength ini./10 min. 8 / 14; 5.4% solids; 1/2 of 1% sand; chlorides 85,000 ppm; salinity 140,250 ppm; PV 9; Yp 10. Cum. mud cost: \$38,811. Cactus 0/31 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-11-78: Drilling at 7419'. Made 15'. 7 7/8" hole. Tagged fish at 7174'. Pulled up with pump pressure increased. Pulled out of hole with fish. Checked stabilizers, drill collars, and crossovers. No bad connections. Picked up 5 drill collars and changed out jars. Ran in hole with new bit. Drilled to 7419'. Trip gas = 650 units; background = 1 unit. Bit #8 - STC F-45 - 6972' to 7404'. Bit #9 in hole. 23 6 1/4" drill collars; WOB 40,000#; 50-60 RPM; drill pipe tool jts.: 3 1/2" F-H; drill collar tool jts.: 6 5/8" reg., 4 1/2" X-H; 5 1/2" x 16" pump; 52 SPM; 249 GPM; PP 1500#; ann. vel. - 267 on drill collars and 133 on drill pipe; jet vel. 287; BHA - bit, near bit stabilizer, drill collar, string stabilizer, 2 drill collar, string stabilizer, 8 drill collars, Daley jars, 4 drill collars, cross-over and drill pipe. Drlg. with salt base mud - Wt. 10.2#; Vis. 42; WL 9.8 cc; FC 2/32; pH 8; gel strength ini./10 min. 8 / 10; 6.2% solids; 1/2 of 1% sand; chlorides 80,000 ppm; salinity 132,000 ppm; PV 9; Yp 11. Cum. mud cost: \$38,811. Cactus 0/32 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
Location: NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-12-78: Drilling at 7552'. Made 133'. 7 7/8" hole. Background of 2 units; high of 19 units at 7462'. Bit #9 in hole. 23 6 1/4" drill collars; WOB 40,000-45,000#; 50-60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" X-H; 5 1/2" x 16" pump; 52 SPM; 249 GPM; PP 1500#; ann. vel. 267 on drill collars and 133 on drill pipe; jet vel. 287; BHA - bit, near bit stabilizer, drill collar, string stabilizer, 2 drill collars, string stabilizer, 8 drill collars, Daley jars, 4 drill collars, cross-over and drill pipe. Drlg. with salt base mud - Wt. 10.0#; Vis. 38; WL 7.2 cc; FC 2/32; pH 8.5; gel strength ini./10 min. 10 / 12; 6% solids; 1/4 of 1% sand; chlorides 80,000 ppm; salinity 132,000 ppm; PV 9; Yp 18. Cum. mud cost: \$39,424. Cactus 0/33 1/2/0.





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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-6-78: Drilling at 7022'. Made 102'. 7 7/8" hole. Drilled to 6954'. Ran SLM. Made +18' correction to 6972'. Ran in hole with bit #8. Built mud volume. Drilled to 7022'. Background gas = 4 units. Trip gas 315 units. High of 8 units while drlg. Survey:  $4\frac{1}{2}^0$  at 6972'. Bit #7 - STC F-3 - 6314' to 6972'. Bit #8 in hole. 19  $6\frac{1}{4}$ " drill collars; WOB 35,000#; 55 RPM; drill pipe tool jts.:  $3\frac{1}{2}$ " FH; drill collar tool jts.: 6 5/8" reg.,  $4\frac{1}{2}$ " X-H;  $5\frac{1}{2}$ " x 16" pump; 60 SPM; 256 GPM; PP 1350#; ann. vel. 270 on drill collars and 135 on drill pipe; jet vel. 290; BHA - bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 12 drill collars, Daley jars, and 4 drill collars. Drlg. with salt base mud - Wt. 10.0#; Vis. 37; WL 6 cc; FC 2/32; pH 12; gel strength ini./10 min. 8 / 11; 6% solids;  $\frac{1}{2}$  of 1% sand; chlorides 100,000 ppm; PV 7; Yp 9. Cum. mud cost: \$34,846. Cactus 0/27 $\frac{1}{2}$ /0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-7-78: Drilling at 7148'. Made 126'. 7 7/8" hole. Background units = 4. High of 11 units at 7042'. Bit #8 in hole. Salt base mud - Wt. 9.9#; Vis. 36; WL 9.2 cc; chlorides 94,000 ppm; salinity 155, 100 ppm.

10-8-78: Drilling at 7268'. Made 120'. 7 7/8" hole. Max. of 15 units at 7164'. Background = 3 units. Bit #8 in hole. Salt base mud - Wt. 10.0#; Vis. 32; WL 8 cc; chlorides 75,000 ppm; salinity 123,750 ppm.

10-9-78: Drilling shale at 7352'. Made 84'. 7 7/8" hole. Background units = 3. High of 5 units. Bit #8 in hole. 19  $6\frac{1}{4}$ " drill collars; WOB 35,000#; 60 RPM; drill pipe tool jts.:  $3\frac{1}{2}$ " F-H; drill collar tool jts.: 6 5/8" reg.,  $4\frac{1}{2}$ " XH;  $5\frac{1}{2}$ " x 16" pump; 54 SPM; 287 GPM; PP 1500#; ann. vel. - 305 on drill collars and 152 on drill pipe; jet vel. 325; BHA - bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 12 drill collars, Daley jars, and 4 drill collars. Drlg. with salt base mud - Wt. 9.9#; Vis. 37; WL 13.6 cc; FC 2/32; pH 8.5; gel strength ini./10 min. 10 / 11; 5% solids;  $\frac{1}{4}$  of 1% sand; chlorides 80,000 ppm; salinity 132,000 ppm; PV 10; Yp 14. Cum. mud cost: \$38,811. Cactus 0/30 $\frac{1}{2}$ /0.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-3-78: Drilling at 6624'. Made 175'. 7 7/8" hole. Background = 3 units. Max. = 28 units at 6506'. Bit #7 in hole. 19 6 1/4" drill collars; WOB 35,000#; 55 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 50 SPM; 244 GPM; PP 1500#; ann. vel. 260 on drill collars and 130 on drill pipe; jet vel. 280; BHA - bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 12 drill collars, Daley jars, and 4 drill collars. Drlg. with salt base mud - Wt. 9.8#; Vis. 37; WL 31 cc; FC 2/32; pH 9.0; gel strength ini./10 min. 4 / 8; 3% solids; 1/8 of 1% sand; chlorides 148,000 ppm; salinity 240,900 ppm; PV 7; Yp 7. Cum. mud cost: \$30,884. Cactus 0/24 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-4-78: Drilling at 6764'. Made 140'. 7 7/8" hole. Background gas = 2 units. High of 3 units. Bit #7 in hole. 19 6 1/4" drill collars; WOB 38,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 55 SPM; 263 GPM; PP 1500#; ann. vel. 278 on drill collars and 138 on drill pipe; jet vel. 299; BHA - bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 12 drill collars, Daley jars, and 4 drill collars. Drlg. with salt base mud - Wt. 10.0#; Vis. 34; WL 22 cc; FC 2/32; pH 9.5; gel strength ini./10 min. 6 / 12; 3.2% solids; 1/4 of 1% sand; chlorides 150,000 ppm; salinity 240,900 ppm; PV 8; Yp 9. Cum. mud cost: \$32,639. Cactus 0/25 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

10-5-78: Drilling at 6920'. Made 156'. 7 7/8" hole. Background units = 5. High = 127 units at 6772'. Drlg. break 6770-95'. Bit #7 in hole. 19 6 1/4" drill collars; WOB 35,000#; 65 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 55 SPM; 263 GPM; PP 1500#; ann. vel. - 278 on drill collars and 138 on drill pipe; jet vel. 299; BHA - bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 12 drill collars, Daley jars, and 4 drill collars. Salt base mud - Wt. 9.9#; Vis. 37; WL 11.6 cc; FC 2/32; pH 9.0; gel strength ini./10 min. 8 / 12; 2% solids; 1/4 of 1% sand; chlorides 138,000 ppm; salinity 227,700 ppm; PV 10; Yp 8. Cum. mud cost: \$34,394. Cactus 0/26 1/2/0.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

9-29-78: Drilling shale, sand and sand stringers at 6220'. Made 167'. Bit #6 in hole. 19 6¼" drill collars; WOB 30,000-35,000#; 55 RPM; drill pipe tool jts.: 3½" FH; drill collar tool jts.: 6 5/8" reg., 4½" XH; 5½" x 16" pump; 50 SPM; 239 GPM; PP 1300#; ann. vel. - 256 on drill collars and 128 on drill pipe; jet vel. 259; BHA - bit, stabilizer, drill collar, stabilizer, 2 drill collars, stabilizer, 12 drill collars, Daley jars, 4 drill collars, cross-over, and drill pipe. Drlg. with salt-mud - Wt. 9.8#; Vis. 35; WL 22; FC 2/32; pH 8; gel strength ini./10 min. 5 / 6; 1.5% solids; trace of sand; chlorides 160,000 ppm; salinity 264,000 ppm; PV 6; Yp 6. Cum. mud cost: \$26,684. Cactus 0/20½/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

9-30-78: Picking up fishing tools. Depth 6314' - Wasatch. Made 94'. 7 7/8" hole. Drilled to 6314'. Lost pump pressure. Pulled out of hole pin twisted off string stabilizer. Left 1 drill collar and near bit stabilizer plus bit in hole. Waited on Dotco fishing tools 3½ hrs. Now picking up fishing tools to run in hole after fish. Background gas = 3 units. High of 5 units. Bit #6 in hole. BHA - overshot, cross-over, bumper sub, cross-over, 11 drill collars, Daley jars, 4 drill collars, cross-over, and drill pipe. Salt/brine - Wt. 9.8#; Vis. 35; WL 26 cc; salinity 268,950 ppm.

10-1-78: Running in hole with bit. Depth 6314'. 7 7/8" hole. Made up fishing tools. Ran in hole with overshot, 6 1/8" grapple with pack-off, and bumper sub. Tagged fish. Appeared to catch. Pulled out of hole. Did not catch fish. Ran in hole with same hook-up. Circ. and tagged fish. Pulled out of hole with fish. Laid down fishing tools. Picked up BHA. Ran in hole. Broke out and doped all BHA. BHA - bit, near bit stabilizer, drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 12 drill collars, Daley jars, and 4 drill collars. Salt/brine - Wt. 9.9#; Vis. 36; WL 34 cc; chlorides 168,000 ppm; salinity 276,200 ppm. Bit #6 - STC F-3 - 5750-6314'.

10-2-78: Drilling at 6449'. Made 135'. 7 7/8" hole. Finished running in hole with bit #7. Drilled to 6449'. Background gas = 1 unit. Max. of 9 units at 6410'. 19 6¼" drill collars; WOB 35,000#; 60 RPM; drill pipe tool jts.: 3½" FH; drill collar tool jts.: 6 5/8" reg., 4½" XH; 5½" x 16" pump; 50 SPM; 244 GPM; PP 1500#; ann. vel. - 260 on drill collars, and 130 on drill pipe; jet vel. 280; BHA - same as 10-1-78. Drlg. with salt brine - Wt. 10.0#; Vis. 37; WL 29 cc; FC 2/32; pH 8; gel strength ini./10 min. 4 / 6; 2% solids; 1/8 of 1% sand; chlorides 162,000 ppm; salinity 167,362 ppm; PV 5; Yp 5. Cum. mud cost: \$29,084. Cactus 0/23½/0.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, E21E - Drlg. Foreman: Gaukel

9-26-78: Pulling out of hole. Depth 5750' - sand and shale. Made 230'. 7 7/8" hole. Lost pump pressure. Looking for hole in pipe. Bit #5 in hole. 20 6 1/4" -rill collars; WOB 35,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 53 SPM; 225 GPM; PP 1400#; ann. vel. - 240 on drill collars and 120 on drill pipe; jet vel. 258; BHA - bit, stabilizer, drill collar, stabilizer, 2 drill collars, stabilizer, 13 drill collars, Daley jar, 4 drill collars, cross-over, and drill pipe. Drlg. with KCl - Wt. 9.6#; Vis. 36; WL 15.0 cc; F<sub>2</sub>/32; pH 8.0; gel strength ini./10 min. 1 / 3; 5% solids; trace of sand; chlorides 70,000 ppm; salinity 115,500 ppm; PV 5; Yp 7. Cum. mud cost: \$17,014. Cactus 0/17 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

9-27-78: Drilling sand and shale at 5758'. Made 8'. 7 7/8" hole. Pulled out of hole. Looked for hole in pipe; no hole. Worked on drawworks. Tripped in hole to 1200'. Well kicked 300 units of gas with water flow. Killed with 9.9# mud. Pulled out of hole. Looked for hole in pipe. Drill collars washed out. Laid down same. Tripped in hole to 5740'. Washed and reamed to bottom. Bit #5 - HTC J-33 - 5206' to 5750'. Bit #6 in hole. 19 6 1/4" drill collars; WOB 30,000-35,000#; 55 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 55 SPM; 234 GPM; PP 1300#; ann. vel. - 250 on drill collars and 125 on drill pipe; jet vel. 255; BHA - bit, stabilizer, drill collar, stabilizer, 2 drill collars, stabilizer, 12 drill collars, Daley jars, 4 drill collars, cross-over, and drill pipe. Drlg. with salt mud - Wt. 9.9#; Vis. 38; WL 20.0 cc; FC 2/32; pH 8.0; gel strength ini. 10 min. 2 / 5; 2.8% solids; trace of sand; chlorides 146,000 ppm; PV 5; Yp 9. Cum. mud cost: \$21,304. Cactus 0/18 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, R21E - Drlg. Foreman: Gaukel

9-28-78: Drilling at 6053'. Made 295'. 7 7/8" hole. Drlg. with salt/mud - Wt. 9.7#; Vis. 32; WL 18.4 cc; FC 2/32; pH 7.2; gel strength ini./10 min. 4 / 8; 2% solids; 1/4 of 1% sand; chlorides 148,000 ppm; PV 6; Yp 6. Cum. mud cost: \$23,564. Bit #6 in hole. 19 6 1/4" drill collars; WOB 30,000-35,000#; 55-60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 50 SPM; 239 GPM; PP 1300#; ann. vel. 256 on drill collars and 128 on drill pipe; jet vel. 259; BHA - bit, stabilizer, drill collar, stabilizer, 2 drill collars, stabilizer, 12 drill collars, Daley jars, 4 drill collars, cross-over, and drill pipe. Cum. mud cost: \$21,304. Cactus 0/19 1/2/0.



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Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Gerry Gaukel - Location: NE NW Sec. 6, T9S, R21E

9-21-78: Drilling in Green River at 3951'. Made 481'. 7 7/8" hole. Bit #4 in hole. 20 6 1/4" drill collars; WOB 35,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 58 SPM; 247 GPM; PP 1200#; ann. vel. - 267 on drill collars and 147 on drill pipe; jet vel. 241; BHA - bit, near bit stabilizer, 1 drill collar, IB stabilizer, 2 drl. collars, IB stabilizer, 13 drill collars, Daley jars, 4 drill collars, cross-over, and drill pipe. Drlg. with brine water - Wt. 9.5#; Vis. 29; 2% solids; 1/4 of 1% sand; chlorides 110,000 ppm; salinity 181,500 ppm. Cum. mud cost: \$6538. Cactus 0/12 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Gerry Gaukel - Location: NE NW Sec. 6, T9S, R21E

9-22-78: Drilling at 4400'. Made 449'. 7 7/8" hole. Survey: 3 1/2° at 4001'. Bit #4 in hole. 20 6 1/4" drill collars; WOB 35,000#; 60 RPM; drill pipe tool jts. 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 58 SPM; 264 GPM; PP 1200#; ann. vel. - 267 on drill collars and 147 on drill pipe; jet vel. 241; BHA - bit, near bit stabilizer, 1 drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 13 drill collars, Daley jars, 4 drill collars, cross-over and drill pipe. Drlg. with brine water - Wt. 9.7#; Vis. 29; chlorides 115,000 ppm; salinity 189,750 ppm. Cum. mud cost: \$6538. Cactus 0/13 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'  
NE NW Sec. 6, T9S, E21E - Drlg. Foreman: Gaukel

9-23-78: Drilling sand and shale at 4840'. Made 440'. 7 7/8" hole. Bit #4 in hole. Drlg. with brine water - Wt. 9.7#; Vis. 29; chlorides 100,000 ppm; salinity 165,000 ppm.

9-24-78: Tripping in hole. Depth 5206'. Made 366'. 7 7/8" hole. Survey: 4 1/2° at 5206'. Drlg. with brine water - Wt. 9.6#; Vis. 28; chlorides 110,000 ppm; salinity 181,500 ppm. BHA - bit, stabilizer, drill collar, stabilizer, 2 drill collars, stabilizer, 13 drill collars, Daley jar, 4 drill collars, cross-over, and drill pipe. Drlg. with brine water - Wt. 9.6#; Vis. 28; chlorides 110,000 ppm; salinity 181,500 ppm.

9-25-78: Drilling sand and shale at 5520'. Made 314'. 7 7/8" hole. Bit #5 in hole. 20 6 1/4" drill collars; WOB 35,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 53 SPM; 225 GPM; PP 1400#; ann. vel. - 240 on drill collars and 120 on drill pipe; jet vel. 258; BHA - same as 9-24-78. Drlg. with brine/gel - Wt. 9.6#; Vis. 37; WL 8.0 cc; FC 1/32; pH 8.5; gel strength ini./10 min. 6 / 14; 4.2% solids; 1/2 of 1% sand; chlorides 60,000 ppm; salinity 99,000 ppm; PV 8; Yp 9. Cum. mud cost: \$13,547. Cactus 0/16 1/2/0.



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OURAY FIELD - Uintah Co., Utah

Conoco-Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Vaughn - Conoco 1.0000000 - Location: NE NW Sec. 6, T9S, R21E

9-18-78: Drilling in Green River at 2570'. Made 66'. 7 7/8" hole. Tagged DV collar at 812'. Drilled DV collar, cement and shoe. Ran 5 sacks "Flo-Sal: sweep. Pulled out of hole with 8 3/4" bit. Picked up BHA with 7 7/8" bit. Ran in hole. Drilled to 2570'. Bit #3 - 8 3/4" Sec. S4T - 812' to 2504'. Bit #4 in hole. 20 6 1/4" drill collars; WOB 25,000#; 55 RPM; drill pipe tool jts. 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 54 SPM; 293 GPM; PP 1000#; ann. vel. 293 on drill collars and 117 on drill pipe; jet vel. 283; BHA - bit, near bit stabilizer, 1 drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 13 drill collars, Daley jars, 4 drill collars, cross-over and drill pipe. Drlg. with salt water - Wt. 9.7#; Vis. 28; 2.4% solids; trace of sand; chlorides 128,000 ppm; salinity 211, 200 ppm. Cum. mud cost: \$5854. Cactus 0/9 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Gerry Gaukel - Location: NE NW Sec. 6, T9S, R21E

9-19-78: Drilling at 2954'. Made 384'. 7 7/8" hole. Drlg. with brine water - Wt. 9.1#; Vis. 28; chlorides 80,000 ppm; salinity 132,000 ppm. Cum. mud cost: \$5854. Bit #4 in hole. 20 6 1/4" drill collars; WOB 25,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 60 SPM; 288 GPM; PP 1200#; ann. vel. - 299 on drill collars and 138 on drill pipe; jet vel. 270; BHA - bit, near bit stabilizer, 1 drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 13 drill collars, Daley jars, 4 drill collars, cross-over, and drill pipe. Cactus 0/10 1/2/0.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Gerry Gaukel - Location: NE NW Sec. 6, T9S, R21#

9-20-78: Drilling at 3470'. Made 516'. 7 7/8" hole. Drlg. with brine water - Wt. 8.8#; Vis. 28; chlorides 41,000#; salinity 67,650 ppm. Cum. mud cost: \$6538. Bit #4 in hole. 20 6 1/4" drill collars; WOB 30,000-35,000#; 60 RPM; drill pipe tool jts.: 3 1/2" FH; drill collar tool jts.: 6 5/8" reg., 4 1/2" XH; 5 1/2" x 16" pump; 60 SPM; 288 GPM; PP 1200#; ann. vel. 299 on drill collars and 138 on drill pipe; jet vel. 270; BHA - bit, near bit stabilizer, 1 drill collar, IB stabilizer, 2 drill collars, IB stabilizer, 13 drill collars, Daley jars, 4 drill collars, cross-over, and drill pipe. Cactus 0/11 1/2/0.



Alex M. Yarsa  
Division Manager  
Production Department

Continental Oil Company  
152 North Durbin  
Pacific Western Life Building  
Casper, Wyoming 82601  
(307) 234-7311

OURAY FIELD - Uintah Co., Utah

Conoco-Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Vaughn - Conoco 1.0000000

9-14-78: Drilling at 2098'. Made 373'. 12 $\frac{1}{4}$ " hole. Drilled to 1736'. Tripped for new bit. Washed 30' to bottom. Bit #1 - HTC X-44 - drld. to 1736'. Bit #2 in hole. 4 8" and 12 6 $\frac{1}{4}$ " drill collars; WOB 30,000-40,000#; 55 RPM; 1 900 CFM compressor, 1 booster, and 1 mist pump; PP 250#; BHA - bit, bit sub, 4 8" drill collars, cross-over, 12 6 $\frac{1}{4}$ " drill collars and cross-over. Drlg. with air/foam - Wt. 8.7#; Vis. 39; WL 8.8 cc; FC 1/32; pH 8.0; gel strength ini./10 min. 2 / 7; 2.8% solids; trace of sand; chlorides 200 ppm; PV 12; Yp 9. Cum. mud cost: \$5451. Cactus 0/5 $\frac{1}{2}$ /0.

Conoco-Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Drlg. Foreman:  
Vaughn - Conoco 1.0000000 - Location: NE NW Sec. 6, T9S, R21E

9-15-78: Tripping out to log. Depth 2500' - Green River. Made 402'. 12 $\frac{1}{4}$ " hole. Drilled to 2500'. Circ. and cond. hole 3 $\frac{1}{2}$  hrs. Ran survey on wire line. Survey: 2 $^{\circ}$  at 2500'. Bit #2 - HTC J-22 - in hole. 4 8" and 12 6 $\frac{1}{4}$ " drill collars; WOB 30,000-40,000#; 55 RPM; drill pipe tool jts.: 3 $\frac{1}{2}$ " FH; drill collar tool jts.: 6 5/8" reg., 4 $\frac{1}{2}$ " XH; 1 900 CFM compressor, 1 booster, and 1 mist pump; PP 300#; BHA - bit, bit sub, four 8" drill collars, cross-over, 12 6 $\frac{1}{4}$ " drill collars, and cross-over. Air/foam - Wt. 8.7#; Vis. 37; WL 10.4 cc; FC 1/32; pH 9.5; gel strength ini./10 min. 2 / 10; 2.8% solids; trace of sand; chlorides 200 ppm; PV 8; Yp 6. Cum. mud cost: \$5715. Cactus 0/6 $\frac{1}{2}$ /0.

9-16-78: WOC. Depth 2510' - Green River. 12 $\frac{1}{4}$ " hole. Finished pulling out of hole. Laid down 8" drill collars. Made SLM; 10' correction at 2510'. Rigged up Dresser-Atlas. Log run #1 - Dual Ind./SP from 2496' to 118' - conductor pipe. Run #2 - Caliper Log from 2501' to 118' - conductor pipe. Rigged down loggers and rigged up casing crew. Ran 65 jts. 9 5/8" O.D., 36#/ft., K-55, LT&C and ST&C casing with guide shoe, diff. fill collar, DV tool, and 14 centralizers. Landed at 2504' KB. DV stage collar at 812' with 3 cement baskets 10' and 20' below and 60' above DV collar. Rigged up B $\frac{1}{2}$ J and pumped 300 gal. "Mud Sweep" before first stage of 510 sacks 50-50 Pozmix followed by 305 sacks Class "G" and 2% CaCl<sub>2</sub>. PD at 11:30 p.m. Dropped bomb and opened DV tool. Circ.  $\frac{1}{2}$  hr. before second stage of 500 sacks 50-50 Pozmix. Plug down at 1:30 a.m. Good returns throughout. Est. 200 sacks returned to surface. Rigged down B-J and WOC.

9-17-78: Running in hole with bit. Depth 2510' - Green River. 8 3/4" hole. Finished WOC. Nippled up BOP. Picked up drill collars and bit.



Alex M. Yarsa  
Division Manager  
Production Department

Continental Oil Company  
152 North Durbin  
Pacific Western Life Building  
Casper, Wyoming 82601  
(307) 234-7311

OURAY FIELD -- Uintah Co., Utah -- Conoco 1.0000000

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 1-4-79: Flowing well to pit thru 12/64" choke. Making moderate spray of liquids with good blow of gas. Cleaning up to test.

Conoco Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830'

TD 8570', PBTD 5364'. 1-5-79: Flowing well to pit to clean up. Opened choke to 14/64". CP 1100#, TP 600#. Est. rate 700 MCFPD.

1-6-79: Tested well with critical flow prover thru 1/2" plate. CP 820#, TP 200#. Rate 1100 MCFPD. Shut well in. Waiting on sales line connection. Dropped from report until hooked to sales line.



ATTACHMENT NO. 1

Fractured Interval 6515'-6868'

Frac fluid contained 2% KCL water, 40#/1000 gal.  
J-266, 20#/1000 gal. adomite aqua, 1 gal./1000  
gal. F-78 surfactant - Total 2800 Bbls. fluid.

Frac sand was 20-40 mesh sand - Total 180,000# sand.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

6

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

152 N. Durbin, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1281' FNL 2306' FWL (SE NW)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

|                            |                                   |                                            |                                                     |                      |
|----------------------------|-----------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------|
| 15. DATE SPUNDED<br>9-9-78 | 16. DATE T.D. REACHED<br>10-28-78 | 17. DATE COMPL. (Ready to prod.)<br>1-6-79 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>4669' GL | 19. ELEV. CASINGHEAD |
|----------------------------|-----------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------|

|                                    |                                        |                                   |                               |                     |             |
|------------------------------------|----------------------------------------|-----------------------------------|-------------------------------|---------------------|-------------|
| 20. TOTAL DEPTH, MD & TVD<br>8570' | 21. PLUG, BACK T.D., MD & TVD<br>7055' | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY<br>→ | ROTARY TOOLS<br>A11 | CABLE TOOLS |
|------------------------------------|----------------------------------------|-----------------------------------|-------------------------------|---------------------|-------------|

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Wasatch 6515'-6868'

25. WAS DIRECTIONAL SURVEY MADE  
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Ind./Sp, Caliper, DDL-GR, FDC-GR-CAL, Sonic, GR-CCL-CBL-VDL

27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                                | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-------------------------------------------------|---------------|
| 13 3/8"     | 54.5#           | 60'            | 17 1/2"   | 75 sacks Glass "G"                              |               |
| 9 5/8"      | 36#             | 2504'          | 12 1/4"   | 1010 sacks 50-50 Pozmix,<br>305 sacks Class "G" |               |
| 5 1/2"      | 17#             | 7160'          | 7 7/8"    | 1328 sacks Class "G"                            |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 6475'          |                 |

31. PERFORATION RECORD (Interval, size and number)

6515'-6868' .45" 23 JS

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED        |
|---------------------|-----------------------------------------|
| 6515'-6868'         | 2250 Gal. 15% HCL, 35 Bbl. 2% KCL water |
| 6515'-6868'         | See attachment No. 1                    |

33.\* PRODUCTION

|                                   |                         |                                                                                 |                              |               |                  |                                                         |                    |
|-----------------------------------|-------------------------|---------------------------------------------------------------------------------|------------------------------|---------------|------------------|---------------------------------------------------------|--------------------|
| DATE FIRST PRODUCTION<br>12-27-78 |                         | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                              |               |                  | WELL STATUS (Producing or shut-in)<br>Temporary shut in |                    |
| DATE OF TEST<br>1-6-79            | HOURS TESTED<br>24      | CHOKE SIZE<br>1/2"                                                              | PROD'N. FOR TEST PERIOD<br>→ | OIL—BBL.<br>- | GAS—MCF.<br>1100 | WATER—BBL.<br>0                                         | GAS-OIL RATIO<br>- |
| FLOW. TUBING PRESS.<br>200#       | CASING PRESSURE<br>820# | CALCULATED 24-HOUR RATE<br>→                                                    | OIL—BBL.<br>-                | GAS—MCF.<br>- | WATER—BBL.<br>-  | OIL GRAVITY-API (CORR.)<br>-                            |                    |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

Homer Smith

35. LIST OF ATTACHMENTS

Attachment No. 1 Frac Interval 6515'-6868'

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

T.C. Thompson

TITLE Admin. Supervisor

DATE 2-12-79

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |     |        |                             | 38. GEOLOGIC MARKERS                |                              |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|-------------------------------------|------------------------------|-------------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                                | MEAS. DEPTH                  | TOP<br>TRUE VERT. DEPTH |
|                                                                                                                                                                                                                                                       |     |        |                             | Green River<br>Wasatch<br>Mesaverde | Not logged<br>5500'<br>8450' |                         |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other2. NAME OF OPERATOR  
Continental Oil Company3. ADDRESS OF OPERATOR  
152 N. Durbin, Casper, WY 82601

4. LOCATION OF WELL (REPORT LOCATION CLEARLY below.)

AT SURFACE: 1281' FNL, 2306' FWL (SE NW)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON\* ☐

(other) Construct A Flow Line

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

In accordance with No. 4-B of the NTL-6 Guidelines, the following information is submitted:

Conoco will lay a flow line, consisting of approximately 4.19 miles of 2", schedule 40, PE line pipe, from the subject well to an existing flow line at Conoco Mountain Lion 34 No. 2 (Sec. 34, T8S, R21E). The flow line will be constructed on the surface.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 4-16-79

BY: M.S. Munder

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

SIGNED T.C. Thompson TITLE Administrative Supervisor DATE 4-3-79

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

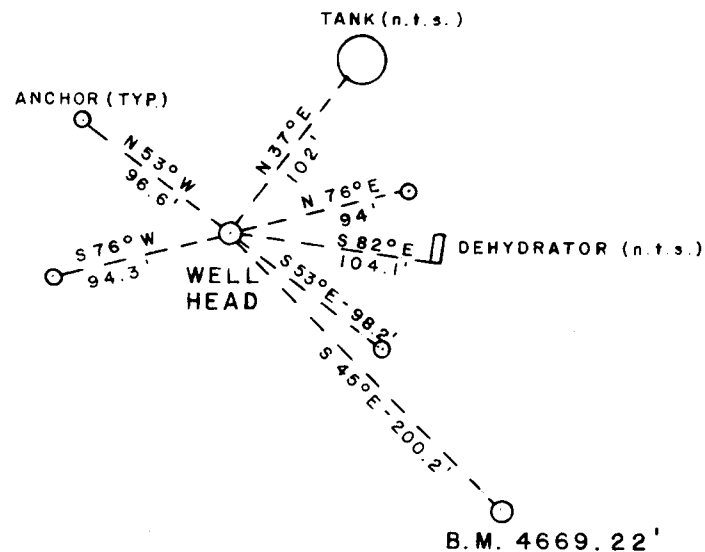
USGS(3) UOGCC(2) File

\*See Instructions on Reverse Side

PROJECT  
CONOCO INC.

Production Facilities

Layout for Well location,  
*Pinnachoose 6 # 3*,  
located in Section 6, T 9 S,  
R 21 E, S.L.B. & M. Uintah  
County, Utah.



NOTE: Compass Bearings



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence C. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

|         |               |            |          |
|---------|---------------|------------|----------|
| SCALE   | 1" = 100'     | DATE       | 1/21/82  |
| PARTY   | D.A. M.O. L.Z | REFERENCES | GLO Plat |
| WEATHER | Cold          | FILE       | CONOCO   |



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

I. DANIEL STEWART  
*Chairman*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

CLEON B. FEIGHT  
*Director*

June 13, 1979

Continental Oil Company  
152 N. Durbin  
Casper, Wyoming 82601

Re: Well No. Conoco Pinnacoose 6-3  
Sec. 6, T. 9S, R. 21E,  
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office ~~2-12-79~~ from above referred to well(s) indicates the following electric logs were run: Dual Ind./Sp,

Caliper, DDL-GR, FDC-GR-CAL, Sonic, GR-CCL-CBL-VDD.

**\*PLEASE NOTE: THE ONLY LOGS WE HAVE RECEIVED ARE: Dual Ind. Focused log and the Caliper log.**

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS & MINING

*Kathy Ostler*  
KATHY OSTLER  
RECORDS CLERK



Alex M. Yarsa  
Division Manager  
Production Department

Conoco Inc.  
907 North Union Boulevard  
Casper, WY 82601  
(307) 234-7311

9-7-79

FINALS ON COMPLETED DRILLING WELLS

OURAY FIELD

Conoco-Pinnacoose et al 6 #3 - Wasatch and Mesaverde - 10,830' - Conoco 1.0000000

NE NW

Location: 1281' FNL, 2306' FWL, /Sec. 6, T9S, R21E, Uintah Co., Utah. AFE 12-61-1226. API Well No. 43-047-30428. TD 8570', PBTD 7055'. Elevations: GL 4669', KB 4681', RBM 12'. Spudded 9-8-78. Rig released 10-30-78. Completed 8-22-79 in Wasatch. NEP 26'. Ran Dual Ind. /SP, Caliper-DLL-GR, FDC-GR-Caliper, and GR-CCL-CBL-VDL. Tops:

|                       |       |
|-----------------------|-------|
| Green River Marlstone | 1995' |
| " " "A" Sand          | 3367' |
| " " "A-1" "           | 3515' |
| " " "B" Sand          | 3694' |
| " " "D" Zone          | 4864' |
| Wasatch               | 5454' |
| Mesaverde             | 8378' |

Perforated Wasatch w/1 gram jet at 6515', 6517', 6519', 6521', 6523', 6532', 6534', 6789', 6789.5', 6790', 6790.5', 6791', 6791.5', 6792', 6792.5', 6861', 6862', 6863', 6864', 6865', 6866', 6867', and 6868'. Acidized and frac'd Wasatch. Initial potential: Flowed 1.4 MMCFGPD on 8-22-79. TP 1900#, CP 1900#. Gas Contract: #8289. Initial delivery date: 8-22-79. Purchaser: Mtn. Fuel Supply. Casing record: 9 5/8" set at 2504' and 5 1/2" at 7160'. Tubing record: 2 3/8" set at 6475'. FINAL REPORT. 0 - 51 3/4 - 22.



Alex M. Yarsa  
Division Manager  
Production Department

Conoco Inc.  
907 Rancho Road  
Casper, WY 82601  
(307) 234-7311

February 12, 1982

U. S. G. S.  
Dept. of Natural Resources  
Div. of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Gentlemen:

Production Facility Layouts/  
Bench Mark Locations  
27 Conoco Ouray Wells  
Uintah County, Utah  
File: PC-416-CF

RECEIVED  
FEB 19 1982

DIVISION OF  
OIL, GAS & MINING

Attached are plats detailing the production facility layouts and bench mark locations for 27 Conoco Ouray wells located in Uintah County, Utah. These plats are furnished in compliance with Supplemental Stipulation No. 11, which accompanied the approved APDs. Plats for the remaining two locations will be furnished at a later date.

Very truly yours,

A. M. Yarsa  
Division Manager

abs

att.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                            |                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER                                                                                    | 5. LEASE DESIGNATION AND SERIAL NO.<br>509-003028                     |
| 2. NAME OF OPERATOR<br>Conoco Inc.                                                                                                                                         | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                  |
| 3. ADDRESS OF OPERATOR<br>907 N. Poplar Casper, Wyoming 82601                                                                                                              | 7. UNIT AGREEMENT NAME                                                |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br>1,281' FNL, 2,306' FWL, (NE/NW) | 8. FARM OR LEASE NAME<br>Pinnacoose 6                                 |
|                                                                                                                                                                            | 9. WELL NO.<br>3                                                      |
|                                                                                                                                                                            | 10. FIELD AND POOL, OR WELDCAT<br>Natural Buttes - Wasatch            |
|                                                                                                                                                                            | 11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA<br>Sec. 6, T9S, R21E |
| 14. PERMIT NO.<br>43041730428                                                                                                                                              | 12. COUNTY OR PARISH 13. STATE<br>Uintah UT                           |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>4,669' GR                                                                                                                |                                                                       |

16. USFC Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO:                      |                                               | SUBSEQUENT REPORT OF:                                                                                 |                                          |
|----------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>                                                               | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>                                                           | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>                                                        | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) <u>Re-perforate</u>                                                                           | <input checked="" type="checkbox"/>      |
| (Other)                                      |                                               | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |                                          |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well was re-perforated in the Wasatch sand intervals 6,506'-6,539', and 6,780'-6,804', with 4 JSPF, on 8/3/84.

Current well status: Flowing. Tested 132 MCFPD.

RECEIVED

OCT 29 1984

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE Administrative Supervisor

DATE October 23, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

BLM - Vernal (3)

UOGCC (2) SCE

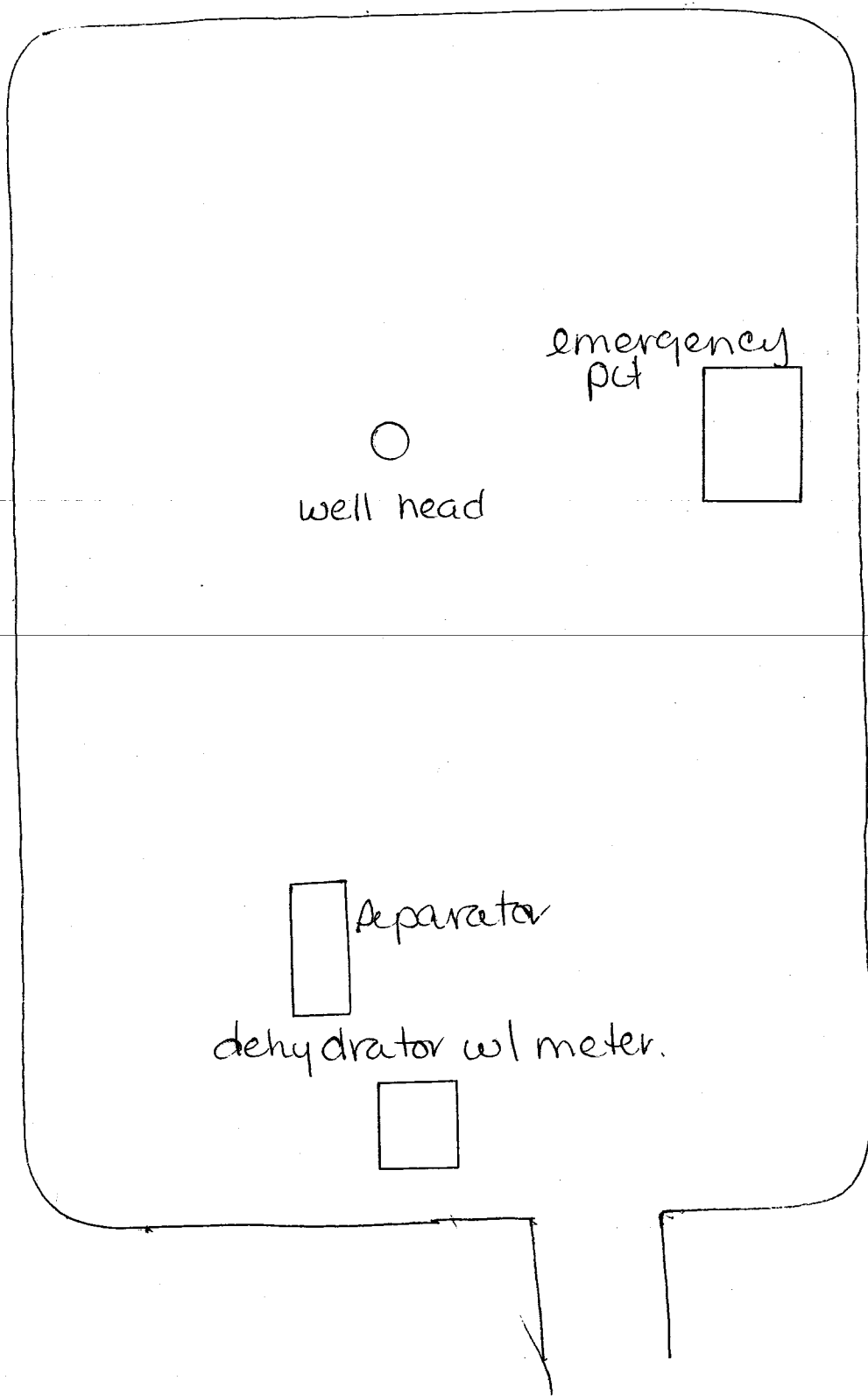
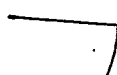
TITLE

DATE

\*See Instructions on Reverse Side

Pinnacoose 6-3 Sec 6, T9S, R21E

Gubly 4/4/89

N 



Exploration & Production  
North America

Conoco Inc.  
851 Werner Court  
Casper, WY 82601  
(307) 261-7800

September 19, 1991

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

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SEP 25 1991

DIVISION OF  
OIL GAS & MINING

**Gas Reports**  
**Natural Buttes Field**  
File : FP-733-CF

Please find attached a copy of the most recent Meter Calibration, Chromatograph and/or Orifice Plate Change reports for the subject property in Uintah County, Utah.

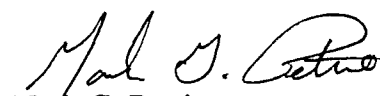
95 215 6  
43 047 30428

| Lease          | Well No. | Federal Lease No. | Meter Calibration | Orifice Plate Change | Chromatograph |
|----------------|----------|-------------------|-------------------|----------------------|---------------|
| Serawop 4      | 13       | 14-20-H62-3701    | X                 | X                    | N/A           |
| Pinnacoose 6   | 3        | 14-20-H62-3028    | X                 | X                    | N/A           |
| Mtn. Lion 34   | 2        | 14-20-H62-3010    | X                 | X                    | N/A           |
| Federal 35     | 5        | U-8621            | X                 | N/A                  | N/A           |
| Ankerpont 2    | 6        | 14-20-H62-3012    | X                 | N/A                  | N/A           |
| Ankerpont 31   | 12       | 14-20-H62-3007    | X                 | N/A                  | N/A           |
| Duncan Fed. 33 | 9        | 14-20-H62-3701    | X                 | X                    | N/A           |
| Pawwinnee 3    | 10       | 14-20-H62-3009    | X                 | X                    | N/A           |
| Hall 31        | 18       | Fee               | X                 | N/A                  | N/A           |
| Jenks 5        | 11       | 14-20-H62-3008    | X                 | N/A                  | N/A           |
| Wissiuip 36    | 15       | 14-20-H62-3005    | X                 | X                    | N/A           |
| Ute Tribal 36  | 17       | 14-20-H62-2889    | X                 | N/A                  | N/A           |
| Tabbee 34      | 20       | 14-20-H62-2998    | X                 | N/A                  | N/A           |
| State 32       | 21       | ML-22053          | X                 | N/A                  | N/A           |

Bureau of Land Management  
Gas Reports  
Natural Buttes Field  
September 19, 1991  
Page 2

| Lease         | Well No. | Federal Lease No. | Meter Calibration | Orifice Plate Change | Chromatograph |
|---------------|----------|-------------------|-------------------|----------------------|---------------|
| Ice Friday 34 | 22       | 14-20-H62-2997    | X                 | X                    | N/A           |
| Snow Knight 4 | 23       | 14-20-H62-2942    | X                 | X                    | N/A           |
| Ute Tribal 35 | 16       | 14-20-H62-2870    | X                 | X                    | N/A           |
| Ute Tribal 35 | 19       | 14-20-H62-2888    | X                 | X                    | N/A           |
| Post 3        | 24       | 14-20-H62-3026    | X                 | N/A                  | N/A           |
| Weeks 6       | 29       | 14-20-H62-3021    | X                 | N/A                  | N/A           |
| Kurip 1       | 27       | 14-20-H62-3004    | X                 | N/A                  | N/A           |
| Wyasket 33    | 26       | 14-20-H62-2997    | X                 | N/A                  | N/A           |
| State 31      | 32       | ML-28048          | X                 | X                    | N/A           |
| Ute Tribal 6  | 1        | 14-20-H62-2890    | X                 | N/A                  | N/A           |
| Black 6       | 35       | 14-20-H62-3021    | X                 | X                    | X             |
| Ankerpont 35  | 36       | 190175            | X                 | X                    | N/A           |
| Master Meter  | --       | N/A               | X                 | N/A                  | N/A           |

Sincerely

  
Mark G. Petrie  
Administrative Supervisor

yms

Attachment

cc: YMS, SJM, CF, BF  
UOGCC

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SEP 25 1991

DIVISION OF  
OIL GAS & MINING



**QUESTAR PIPELINE COMPANY**

8-28-91

|                                                                                                                                                                        |  |                                                                                                 |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|
| METER LOCATION NO.<br>000438                                                                                                                                           |  | METER OR WELL IDENTIFICATION<br>CONOCO Pinnecosse 6-3                                           |  |
| MAKE AND MODEL OF METER<br>Barton Recorder                                                                                                                             |  | METER SERIAL NO.<br>202A-272648                                                                 |  |
| SPRING RANGE<br>1000 psi                                                                                                                                               |  | DIFFERENTIAL RANGE<br>0-100 inches                                                              |  |
| METER TESTED TO<br>2500                                                                                                                                                |  | TYPE OF TAP CONNECTION<br>common                                                                |  |
| MAKE OF METER RUN<br>Daniel Simpler                                                                                                                                    |  |                                                                                                 |  |
| SIZE OF METER RUN (INSIDE DIAMETER)<br>1.939                                                                                                                           |  |                                                                                                 |  |
| EXPECTED OPERATING PRESSURE RANGE<br>0-750                                                                                                                             |  |                                                                                                 |  |
| TEMPERATURE ELEMENT RANGE<br>0-150°                                                                                                                                    |  | CLOCK<br>8 day                                                                                  |  |
| ORIFICE PLATE REMOVED                                                                                                                                                  |  | ORIFICE PLATE INSTALLED                                                                         |  |
| TIME PLATE REMOVED<br>11:35 A.M.                                                                                                                                       |  | TIME PLATE INSTALLED<br>11:40 A.M.                                                              |  |
| SIZE STAMPED ON PLATE<br>1500                                                                                                                                          |  | SIZE STAMPED ON PLATE<br>1375                                                                   |  |
| MEASURED SIZE<br>1/2                                                                                                                                                   |  | MEASURED SIZE<br>3/8                                                                            |  |
| PLATE BEVELED<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                   |  | PLATE BEVELED<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No            |  |
| CONDITION OF PLATE<br><input type="checkbox"/> Paddle <input checked="" type="checkbox"/> Comm.                                                                        |  | CONDITION OF PLATE<br><input type="checkbox"/> Paddle <input checked="" type="checkbox"/> Comm. |  |
| O.D. SIZE OF PLATE<br>2 inch                                                                                                                                           |  | O.D. SIZE OF PLATE<br>2 inch                                                                    |  |
|                                                                                                                                                                        |  | CHART CHANGED<br>yes                                                                            |  |
| REMARKS:<br>Bring Differential up on chart.                                                                                                                            |  |                                                                                                 |  |
| SAFETY APPROVED:                                                                                                                                                       |  |                                                                                                 |  |
| Original copy to be sent to the Salt Lake Gas Measurement department the date change or meter installation is made. Duplicate to be retained on file at Meter Station. |  |                                                                                                 |  |
| WITNESS:<br>H.C. Stewart                                                                                                                                               |  | SIGNATURE<br>Mike Hopla                                                                         |  |
| COMPANY<br>Conoco                                                                                                                                                      |  | <input checked="" type="checkbox"/> QUESTAR PIPELINE COMPANY <input type="checkbox"/> WEXPRO    |  |

FORM 21044 (8-90)

**QUESTAR PIPELINE COMPANY**  
**MEASUREMENT EQUIPMENT INSPECTION REPORT**

AUG - 9 199

|                                                          |  |                              |  |                               |  |                              |  |                                                                                                |  |                                                                                                 |  |                                                                                                    |  |                        |  |  |  |             |  |      |  |            |  |  |  |            |  |  |  |               |  |
|----------------------------------------------------------|--|------------------------------|--|-------------------------------|--|------------------------------|--|------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|--|------------------------|--|--|--|-------------|--|------|--|------------|--|--|--|------------|--|--|--|---------------|--|
| LOCATION NO.<br><b>000390</b>                            |  |                              |  | FED. LEASE NO.<br><b>N.A.</b> |  |                              |  | COUNTY<br><b>WINTAH</b>                                                                        |  |                                                                                                 |  | STATE<br><b>UT.</b>                                                                                |  | DATE<br><b>7-3-91</b>  |  |  |  |             |  |      |  |            |  |  |  |            |  |  |  |               |  |
| STATION OR CUSTOMER<br><b>LATERAL #520 M.M. ST. #104</b> |  |                              |  |                               |  |                              |  |                                                                                                |  | TIME OF TEST<br><b>12:45</b> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM |  |                                                                                                    |  |                        |  |  |  |             |  |      |  |            |  |  |  |            |  |  |  |               |  |
| ORIFICE METER                                            |  | MAKE<br><b>BARTON</b>        |  | SERIAL NO.<br><b>247917</b>   |  | TYPE<br><b>202A</b>          |  | CHART NO.<br><b>L-10-100</b>                                                                   |  | STATIC CON.<br><b>D.S.</b>                                                                      |  | PEN ARC<br><b>O.K.</b>                                                                             |  | CLOCK ROT.<br><b>8</b> |  |  |  |             |  |      |  |            |  |  |  |            |  |  |  |               |  |
| METER RANGE                                              |  | INCHES<br><b>100</b>         |  | POUNDS<br><b>1000</b>         |  | ATMOS. PRESS.<br><b>12.3</b> |  | IS ATMOS. SET ON CHART?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |                                                                                                 |  | TYPE OF CHART USED<br><input checked="" type="checkbox"/> Sq. Root <input type="checkbox"/> Linear |  |                        |  |  |  |             |  |      |  |            |  |  |  |            |  |  |  |               |  |
| METER READING                                            |  | DEAD WEIGHT CHECK            |  |                               |  | STATIC                       |  |                                                                                                |  | DIFFERENTIAL                                                                                    |  |                                                                                                    |  | TEMPERATURE            |  |  |  | TIME LAG    |  |      |  |            |  |  |  |            |  |  |  |               |  |
|                                                          |  | D. W. Press: <b>516</b>      |  |                               |  | FOUND                        |  |                                                                                                |  | LEFT                                                                                            |  |                                                                                                    |  | FOUND                  |  |  |  |             |  | LEFT |  |            |  |  |  |            |  |  |  |               |  |
|                                                          |  | Atmos. Press: <b>12.3</b>    |  |                               |  |                              |  |                                                                                                |  |                                                                                                 |  |                                                                                                    |  |                        |  |  |  |             |  |      |  |            |  |  |  |            |  |  |  |               |  |
|                                                          |  | Static Pen Set: <b>528.3</b> |  |                               |  | <b>528.3</b>                 |  |                                                                                                |  | <b>528.3</b>                                                                                    |  |                                                                                                    |  | <b>4.65</b>            |  |  |  | <b>4.75</b> |  |      |  | <b>107</b> |  |  |  | <b>101</b> |  |  |  | <b>2 hrs.</b> |  |

| DIFFERENTIAL TEST |       |      |       |      |       |      |       | STATIC TEST |            |             |            |                                                           |            |            |            |            |            |  |  |
|-------------------|-------|------|-------|------|-------|------|-------|-------------|------------|-------------|------------|-----------------------------------------------------------|------------|------------|------------|------------|------------|--|--|
| FOUND             |       |      |       | LEFT |       |      |       | D.W. METER  |            |             |            | SQ. ROOT VALUE, AS LEFT                                   |            |            |            |            |            |  |  |
| UP                |       | DOWN |       | UP   |       | DOWN |       | FOUND       |            | LEFT        |            | $\sqrt{\frac{\text{Psia} \times 100}{\text{Rp}}} = 7.268$ |            |            |            |            |            |  |  |
| Test              | Meter | Test | Meter | Test | Meter | Test | Meter | TEST        | METER      | TEST        | METER      |                                                           |            |            |            |            |            |  |  |
| %                 |       | %    |       | %    |       | %    |       | Atmos.      |            | Atmos.      |            |                                                           |            |            |            |            |            |  |  |
| 0                 | 0     | 80   | 80    | 0    | S     | 80   |       | Line Press. | 516        | Line Press. | SAME       |                                                           |            |            |            |            |            |  |  |
| 10                | 10    | 60   | 60    | 10   | A     | 60   |       | Full Range  |            | Full Range  |            |                                                           |            |            |            |            |            |  |  |
| 30                | 30    | 40   | 40    | 30   | E     | 40   |       | THERMOMETER |            |             |            |                                                           |            |            |            |            |            |  |  |
| 50                | 50    | 20   | 20    | 50   |       | 20   |       |             |            |             |            | MAKE                                                      |            |            |            | BARTON     |            |  |  |
| 70                | 70    | 0    | 0     | 70   |       | 0    |       |             |            |             |            | RANGE                                                     |            |            |            | 0 + 150 F  |            |  |  |
| 90                | 90    |      |       | 90   |       |      |       |             |            |             |            | FOUND                                                     |            |            |            | LEFT       |            |  |  |
| 100               | 100   |      |       | 100  |       |      |       |             |            |             |            | UP                                                        |            |            |            | DOWN       |            |  |  |
|                   |       |      |       |      |       |      |       | Test Therm  | Rec. Therm | Test Therm  | Rec. Therm | Test Therm                                                | Rec. Therm | Test Therm | Rec. Therm | Test Therm | Rec. Therm |  |  |
|                   |       |      |       |      |       |      |       | 101         | 107        |             |            | 101                                                       | 101        |            |            |            |            |  |  |
|                   |       |      |       |      |       |      |       | 0           | +6         |             |            | 0                                                         | 0          |            |            |            |            |  |  |

|                                   |  |                                                                                                   |  |                                                       |  |                        |  |                    |  |                     |  |
|-----------------------------------|--|---------------------------------------------------------------------------------------------------|--|-------------------------------------------------------|--|------------------------|--|--------------------|--|---------------------|--|
| ORIFICE PLATE                     |  | SIZE<br><b>8 X 02.750</b>                                                                         |  | ORIFICE FITTING OR UNION                              |  | MAKE<br><b>DANIEL</b>  |  | TYPE<br><b>SR.</b> |  | TAPS<br><b>FLG.</b> |  |
| EDGES SHARP?<br><b>YES</b>        |  | ORIFICE CONDITION<br><input type="checkbox"/> Damaged? <input checked="" type="checkbox"/> Dirty? |  | SERIAL NO.<br><b>814427</b>                           |  | LINE SIZE<br><b>8"</b> |  | ID<br><b>7.981</b> |  |                     |  |
| MICRO HORIZONTAL<br><b>02.750</b> |  | MICRO VERTICAL<br><b>02.750</b>                                                                   |  | METER TUBE<br>Upstream ID: _____ Downstream ID: _____ |  |                        |  |                    |  |                     |  |

| TELEMETERING |       |      |       |      |       |      |          |      |       |      |       |      |       | GRAVITY<br>CALL: (801) 530-2788                                           |  | ATMOS TEMP.<br><b>940</b> |  |  |
|--------------|-------|------|-------|------|-------|------|----------|------|-------|------|-------|------|-------|---------------------------------------------------------------------------|--|---------------------------|--|--|
| DIFFERENTIAL |       |      |       |      |       |      | PRESSURE |      |       |      |       |      |       | REMARKS/CORRECTIONS<br><b>ADJUST TEMP.</b><br><b>OIL ON ORIFICE PLATE</b> |  |                           |  |  |
| FOUND        |       |      |       | LEFT |       |      | FOUND    |      |       |      | LEFT  |      |       |                                                                           |  |                           |  |  |
| UP           |       | DOWN |       | UP   |       | DOWN | UP       |      | DOWN  |      | UP    |      | DOWN  |                                                                           |  |                           |  |  |
| Test         | Trans | Test | Trans | Test | Trans | Test | Trans    | Test | Trans | Test | Trans | Test | Trans |                                                                           |  |                           |  |  |
| %            |       | %    |       | %    |       | %    |          | %    |       | %    |       | %    |       |                                                                           |  |                           |  |  |
| 0            |       | 100  |       | 0    |       | 100  |          | 0    |       | 100  |       | 0    |       | 100                                                                       |  |                           |  |  |
| 25           |       | 75   |       | 25   |       | 75   |          | 25   |       | 75   |       | 25   |       | 75                                                                        |  |                           |  |  |
| 50           |       | 50   |       | 50   |       | 50   |          | 50   |       | 50   |       | 50   |       | 50                                                                        |  |                           |  |  |
| 75           |       | 25   |       | 75   |       | 25   |          | 75   |       | 25   |       | 75   |       | 25                                                                        |  |                           |  |  |
| 100          |       | 0    |       | 100  |       | 0    |          | 100  |       | 0    |       | 100  |       | 0                                                                         |  |                           |  |  |

# QUESTAR PIPELINE COMPANY MEASUREMENT EQUIPMENT INSPECTION REPORT

*Conrad*  
*DeAnn*

|                                                         |                           |                               |                              |                                                                                                |                            |                                                                                                    |                        |                       |                           |
|---------------------------------------------------------|---------------------------|-------------------------------|------------------------------|------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------|------------------------|-----------------------|---------------------------|
| LOCATION NO.<br><b>000390</b>                           |                           | FED. LEASE NO.<br><b>N.A.</b> |                              | COUNTY<br><b>WINTAH</b>                                                                        |                            | STATE<br><b>UT.</b>                                                                                |                        | DATE<br><b>6-4-91</b> |                           |
| STATION OR CUSTOMER<br><b>LAT. # 520 M.M. ST. # 104</b> |                           |                               |                              |                                                                                                |                            | TIME OF TEST<br><b>10:30</b> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM    |                        |                       |                           |
| ORIFICE METER                                           | MAKE<br><b>BARTON</b>     | SERIAL NO.<br><b>247917</b>   | TYPE<br><b>202A</b>          | CHART NO.<br><b>L-10-100</b>                                                                   | STATIC CON.<br><b>D.S.</b> | PEN ARC<br><b>O.K.</b>                                                                             | CLOCK ROT.<br><b>8</b> |                       |                           |
| METER RANGE                                             | INCHES<br><b>100</b>      | POUNDS<br><b>1000</b>         | ATMOS. PRESS.<br><b>12.3</b> | IS ATMOS. SET ON CHART?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                            | TYPE OF CHART USED<br><input checked="" type="checkbox"/> Sq. Root <input type="checkbox"/> Linear |                        |                       |                           |
| METER READING                                           | DEAD WEIGHT CHECK         |                               | STATIC                       |                                                                                                | DIFFERENTIAL               |                                                                                                    | TEMPERATURE            |                       | TIME LAG<br><b>2 hrs.</b> |
|                                                         | D. W. Press: <b>491</b>   |                               | FOUND                        |                                                                                                | FOUND                      |                                                                                                    | FOUND                  |                       |                           |
|                                                         | Atmos. Press: <b>12.3</b> |                               | LEFT                         |                                                                                                | LEFT                       |                                                                                                    | LEFT                   |                       |                           |
| Static Pen Set: <b>503.3</b>                            |                           | <b>503.3</b>                  |                              | <b>503.3</b>                                                                                   |                            | <b>5.75</b>                                                                                        |                        | <b>5.65</b>           |                           |
|                                                         |                           |                               |                              |                                                                                                |                            | <b>80</b>                                                                                          |                        | <b>80</b>             |                           |

| DIFFERENTIAL TEST |       |      |       |      |       |      |       | STATIC TEST                                                                                                                                                                                                           |       |             |       |                                                           |  |  |  |
|-------------------|-------|------|-------|------|-------|------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|-------|-----------------------------------------------------------|--|--|--|
| FOUND             |       |      |       | LEFT |       |      |       | D.W. METER                                                                                                                                                                                                            |       |             |       | SQ. ROOT VALUE, AS LEFT                                   |  |  |  |
| UP                |       | DOWN |       | UP   |       | DOWN |       | FOUND                                                                                                                                                                                                                 |       | LEFT        |       | $\sqrt{\frac{\text{Psia} \times 100}{\text{Rp}}} = 7.094$ |  |  |  |
| Test              | Meter | Test | Meter | Test | Meter | Test | Meter | TEST                                                                                                                                                                                                                  | METER | TEST        | METER |                                                           |  |  |  |
| %                 |       | %    |       | %    |       | %    |       | Atmos.                                                                                                                                                                                                                |       | Atmos.      |       |                                                           |  |  |  |
| 0                 | 0     | 80   | 80    | 0    | 0     | 80   | 80    | Line Press.                                                                                                                                                                                                           | 491   | Line Press. | SAME  |                                                           |  |  |  |
| 10                | 10    | 60   | 60    | 10   | 10    | 60   | 60    | Full Range                                                                                                                                                                                                            |       | Full Range  |       |                                                           |  |  |  |
| 30                | 30    | 40   | 40    | 30   | 30    | 40   | 40    | <b>THERMOMETER</b><br>MAKE <b>BARTON</b><br>RANGE <b>0 + 150 F</b><br>FOUND LEFT<br>UP DOWN UP DOWN<br>Test Therm Rec. Therm Test Therm Rec. Therm Test Therm Rec. Therm<br><b>80 80</b><br><b>0 0</b><br><b>SAME</b> |       |             |       |                                                           |  |  |  |
| 50                | 50    | 20   | 20    | 50   | 50    | 20   | 20    |                                                                                                                                                                                                                       |       |             |       |                                                           |  |  |  |
| 70                | 70    | 0    | 0     | 70   | 70    | 0    | 0     |                                                                                                                                                                                                                       |       |             |       |                                                           |  |  |  |
| 90                | 90    |      |       | 90   | 90    |      |       |                                                                                                                                                                                                                       |       |             |       |                                                           |  |  |  |
| 100               | 100   |      |       | 100  | 100   |      |       |                                                                                                                                                                                                                       |       |             |       |                                                           |  |  |  |

|                                   |  |                                                                                                   |                                                       |  |                        |                    |                     |
|-----------------------------------|--|---------------------------------------------------------------------------------------------------|-------------------------------------------------------|--|------------------------|--------------------|---------------------|
| ORIFICE PLATE                     |  | SIZE<br><b>8 x 02.750</b>                                                                         | ORIFICE FITTING OR UNION                              |  | MAKE<br><b>DANIEL</b>  | TYPE<br><b>SR.</b> | TAPS<br><b>FLG.</b> |
| EDGES SHARP?<br><b>YES</b>        |  | ORIFICE CONDITION<br><input type="checkbox"/> Damaged? <input checked="" type="checkbox"/> Dirty? | SERIAL NO.<br><b>814427</b>                           |  | LINE SIZE<br><b>8"</b> | ID<br><b>7.981</b> |                     |
| MICRO HORIZONTAL<br><b>02.750</b> |  | MICRO VERTICAL<br><b>02.750</b>                                                                   | METER TUBE<br>Upstream ID: _____ Downstream ID: _____ |  |                        |                    |                     |

| TELEMETERING                           |       |      |       |      |       |      |       |          |       |      |       |      |       |      |       | GRAVITY<br>CALL: (801) 530-2788                                                                         |     | ATMOS. TEMP.<br><b>65°</b> |  |
|----------------------------------------|-------|------|-------|------|-------|------|-------|----------|-------|------|-------|------|-------|------|-------|---------------------------------------------------------------------------------------------------------|-----|----------------------------|--|
| DIFFERENTIAL                           |       |      |       |      |       |      |       | PRESSURE |       |      |       |      |       |      |       | REMARKS/CORRECTIONS<br><b>NO ADJUSTMENTS</b><br><b>MADE</b><br><b>GLYCOL ON</b><br><b>ORIFICE PLATE</b> |     |                            |  |
| FOUND                                  |       |      |       | LEFT |       |      |       | FOUND    |       |      |       | LEFT |       |      |       |                                                                                                         |     |                            |  |
| UP                                     |       | DOWN |       | UP   |       | DOWN |       | UP       |       | DOWN |       | UP   |       | DOWN |       |                                                                                                         |     |                            |  |
| Test                                   | Trans | Test | Trans | Test | Trans | Test | Trans | Test     | Trans | Test | Trans | Test | Trans | Test | Trans |                                                                                                         |     |                            |  |
| %                                      |       | %    |       | %    |       | %    |       | %        |       | %    |       | %    |       | %    |       | %                                                                                                       |     |                            |  |
| 0                                      | 100   | 0    | 100   | 0    | 100   | 0    | 100   | 0        | 100   | 0    | 100   | 0    | 100   | 0    | 100   | 0                                                                                                       | 100 |                            |  |
| 25                                     | 75    | 25   | 75    | 25   | 75    | 25   | 75    | 25       | 75    | 25   | 75    | 25   | 75    | 25   | 75    | 25                                                                                                      | 75  |                            |  |
| 50                                     | 50    | 50   | 50    | 50   | 50    | 50   | 50    | 50       | 50    | 50   | 50    | 50   | 50    | 50   | 50    | 50                                                                                                      | 50  |                            |  |
| 75                                     | 25    | 75   | 25    | 75   | 25    | 75   | 25    | 75       | 25    | 75   | 25    | 75   | 25    | 75   | 25    | 75                                                                                                      | 25  |                            |  |
| 100                                    | 0     | 100  | 0     | 100  | 0     | 100  | 0     | 100      | 0     | 100  | 0     | 100  | 0     | 100  | 0     | 100                                                                                                     | 0   |                            |  |
| QPC TESTER<br><i>Maurice J. Jensen</i> |       |      |       |      |       |      |       |          |       |      |       |      |       |      |       | WITNESS                                                                                                 |     |                            |  |



# QUESTAR PIPELINE COMPANY MEASUREMENT EQUIPMENT INSPECTION REPORT

*Conoco  
Dexter*

|                                                          |  |                              |  |                               |  |                              |  |                                                                                                |  |                            |  |                                                                                                    |  |                        |  |  |  |             |  |      |  |           |  |           |  |               |  |
|----------------------------------------------------------|--|------------------------------|--|-------------------------------|--|------------------------------|--|------------------------------------------------------------------------------------------------|--|----------------------------|--|----------------------------------------------------------------------------------------------------|--|------------------------|--|--|--|-------------|--|------|--|-----------|--|-----------|--|---------------|--|
| LOCATION NO.<br><b>000390</b>                            |  |                              |  | FED. LEASE NO.<br><b>N.A.</b> |  |                              |  | COUNTY<br><b>WINTAH</b>                                                                        |  |                            |  | STATE<br><b>UT.</b>                                                                                |  | DATE<br><b>5-1-91</b>  |  |  |  |             |  |      |  |           |  |           |  |               |  |
| STATION OR CUSTOMER<br><b>LATERAL #520 M.M. ST. #104</b> |  |                              |  |                               |  |                              |  |                                                                                                |  |                            |  | TIME OF TEST<br><b>2:15</b> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM     |  |                        |  |  |  |             |  |      |  |           |  |           |  |               |  |
| ORIFICE METER                                            |  | MAKE<br><b>BARTON</b>        |  | SERIAL NO.<br><b>247917</b>   |  | TYPE<br><b>202A</b>          |  | CHART NO.<br><b>L-10-100</b>                                                                   |  | STATIC CON.<br><b>D.S.</b> |  | PEN ARC<br><b>0.K.</b>                                                                             |  | CLOCK ROT.<br><b>8</b> |  |  |  |             |  |      |  |           |  |           |  |               |  |
| METER RANGE                                              |  | INCHES<br><b>100</b>         |  | POUNDS<br><b>1000</b>         |  | ATMOS. PRESS.<br><b>12.3</b> |  | IS ATMOS. SET ON CHART?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |                            |  | TYPE OF CHART USED<br><input checked="" type="checkbox"/> Sq. Root <input type="checkbox"/> Linear |  |                        |  |  |  |             |  |      |  |           |  |           |  |               |  |
| METER READING                                            |  | DEAD WEIGHT CHECK            |  |                               |  | STATIC                       |  |                                                                                                |  | DIFFERENTIAL               |  |                                                                                                    |  | TEMPERATURE            |  |  |  | TIME LAG    |  |      |  |           |  |           |  |               |  |
|                                                          |  | D. W. Press: <b>507</b>      |  |                               |  | FOUND                        |  |                                                                                                |  | LEFT                       |  |                                                                                                    |  | FOUND                  |  |  |  |             |  | LEFT |  |           |  |           |  |               |  |
|                                                          |  | Atmos. Press: <b>12.3</b>    |  |                               |  |                              |  |                                                                                                |  |                            |  |                                                                                                    |  |                        |  |  |  |             |  |      |  |           |  |           |  |               |  |
|                                                          |  | Static Pen Set: <b>519.3</b> |  |                               |  | <b>519.3</b>                 |  |                                                                                                |  | <b>519.3</b>               |  |                                                                                                    |  | <b>5.75</b>            |  |  |  | <b>5.65</b> |  |      |  | <b>84</b> |  | <b>80</b> |  | <b>2 hrs.</b> |  |

| DIFFERENTIAL TEST |            |             |            |             |            |             |            | STATIC TEST               |            |             |            |                                                     |            |            |            |      |  |  |  |
|-------------------|------------|-------------|------------|-------------|------------|-------------|------------|---------------------------|------------|-------------|------------|-----------------------------------------------------|------------|------------|------------|------|--|--|--|
| FOUND             |            |             |            | LEFT        |            |             |            | D.W. METER                |            |             |            | SQ. ROOT VALUE, AS LEFT                             |            |            |            |      |  |  |  |
| UP                |            | DOWN        |            | UP          |            | DOWN        |            | FOUND                     |            | LEFT        |            | $\sqrt{\frac{\text{Psia} \times 100}{R_p}} = 7.206$ |            |            |            |      |  |  |  |
| Test              | Meter      | Test        | Meter      | Test        | Meter      | Test        | Meter      | TEST                      | METER      | TEST        | METER      |                                                     |            |            |            |      |  |  |  |
| Atmos.            |            | Atmos.      |            | Atmos.      |            | Atmos.      |            | Atmos.                    |            | Atmos.      |            |                                                     |            |            |            |      |  |  |  |
| Line Press.       |            | Line Press. |            | Line Press. |            | Line Press. |            | Line Press.               |            | Line Press. |            |                                                     |            |            |            |      |  |  |  |
| Full Range        |            | Full Range  |            | Full Range  |            | Full Range  |            | Full Range                |            | Full Range  |            |                                                     |            |            |            |      |  |  |  |
| %                 | 0          | %           | 80         | %           | 0          | %           | 80         | %                         | 12.3       | %           | 5          |                                                     |            |            |            |      |  |  |  |
| 0                 | 0          | 80          | 80.3       | 0           | 0          | 80          | 80         |                           | 507        |             | 5          |                                                     |            |            |            |      |  |  |  |
| 10                | 10         | 60          | 60.2       | 10          | 10         | 60          | 60         |                           |            |             |            |                                                     |            |            |            |      |  |  |  |
| 30                | 30         | 40          | 40.1       | 30          | 30         | 40          | 40         | THERMOMETER               |            |             |            |                                                     |            |            |            |      |  |  |  |
| 50                | 50.1       | 20          | 20         | 50          | 50         | 20          | 20         |                           |            |             |            |                                                     |            |            |            |      |  |  |  |
| 70                | 70.2       | 0           | 0          | 70          | 70         | 0           | 0          |                           |            |             |            |                                                     |            |            |            |      |  |  |  |
| 90                | 90.3       |             |            | 90          | 90         |             |            |                           |            |             |            |                                                     |            |            |            |      |  |  |  |
| 100               | 100.4      |             |            | 100         | 100        |             |            |                           |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            |             |            |             |            | MAKE<br><b>BARTON</b>     |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            |             |            |             |            | RANGE<br><b>0 + 150 F</b> |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            |             |            |             |            | SERIAL NO.                |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            |             |            |             |            | FOUND                     |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            |             |            |             |            | LEFT                      |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            | UP          |            |             |            | DOWN                      |            |             |            | UP                                                  |            |            |            | DOWN |  |  |  |
| Test Therm        | Rec. Therm | Test Therm  | Rec. Therm | Test Therm  | Rec. Therm | Test Therm  | Rec. Therm | Test Therm                | Rec. Therm | Test Therm  | Rec. Therm | Test Therm                                          | Rec. Therm | Test Therm | Rec. Therm |      |  |  |  |
|                   |            |             |            |             |            |             |            |                           |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            |             |            |             |            |                           |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            |             |            |             |            |                           |            |             |            |                                                     |            |            |            |      |  |  |  |
|                   |            |             |            |             |            |             |            |                           |            |             |            |                                                     |            |            |            |      |  |  |  |

|                                   |  |  |  |                                                                                                   |  |  |  |                              |  |  |  |                        |  |  |  |                      |  |                     |  |
|-----------------------------------|--|--|--|---------------------------------------------------------------------------------------------------|--|--|--|------------------------------|--|--|--|------------------------|--|--|--|----------------------|--|---------------------|--|
| ORIFICE PLATE                     |  |  |  | SIZE<br><b>8 X 02.750</b>                                                                         |  |  |  | ORIFICE FITTING OR UNION     |  |  |  | MAKE<br><b>DANIEL</b>  |  |  |  | TYPE<br><b>SR.</b>   |  | TAPS<br><b>FLG.</b> |  |
| EDGES SHARP?<br><b>YES</b>        |  |  |  | ORIFICE CONDITION<br><input type="checkbox"/> Damaged? <input checked="" type="checkbox"/> Dirty? |  |  |  | SERIAL NO.<br><b>8144127</b> |  |  |  | LINE SIZE<br><b>8"</b> |  |  |  | ID<br><b>7.981</b>   |  |                     |  |
| MICRO HORIZONTAL<br><b>02.750</b> |  |  |  | MICRO VERTICAL<br><b>02.750</b>                                                                   |  |  |  | METER TUBE                   |  |  |  |                        |  |  |  |                      |  |                     |  |
| Upstream ID: _____                |  |  |  |                                                                                                   |  |  |  |                              |  |  |  |                        |  |  |  | Downstream ID: _____ |  |                     |  |

| TELEMETERING |       |      |       |      |       |      |       |          |       |      |       |      |       |      |       | GRAVITY<br>CALL: (801) 530-2788                                              |  | ATMOS TEMP.<br><b>58°</b> |  |
|--------------|-------|------|-------|------|-------|------|-------|----------|-------|------|-------|------|-------|------|-------|------------------------------------------------------------------------------|--|---------------------------|--|
| DIFFERENTIAL |       |      |       |      |       |      |       | PRESSURE |       |      |       |      |       |      |       | REMARKS/CORRECTIONS<br><b>ADJUST DIFF AND TEMP.<br/>OIL ON ORIFICE PLATE</b> |  |                           |  |
| FOUND        |       |      |       | LEFT |       |      |       | FOUND    |       |      |       | LEFT |       |      |       |                                                                              |  |                           |  |
| UP           |       | DOWN |       | UP   |       | DOWN |       | UP       |       | DOWN |       | UP   |       | DOWN |       |                                                                              |  |                           |  |
| Test         | Trans | Test | Trans | Test | Trans | Test | Trans | Test     | Trans | Test | Trans | Test | Trans | Test | Trans |                                                                              |  |                           |  |
| %            |       | %    |       | %    |       | %    |       | %        |       | %    |       | %    |       | %    |       |                                                                              |  |                           |  |
| 0            | 100   | 0    | 100   | 0    | 100   | 0    | 100   | 0        | 100   | 0    | 100   | 0    | 100   | 0    | 100   |                                                                              |  |                           |  |
| 25           | 75    | 25   | 75    | 25   | 75    | 25   | 75    | 25       | 75    | 25   | 75    | 25   | 75    | 25   | 75    |                                                                              |  |                           |  |
| 50           | 50    | 50   | 50    | 50   | 50    | 50   | 50    | 50       | 50    | 50   | 50    | 50   | 50    | 50   | 50    |                                                                              |  |                           |  |
| 75           | 25    | 75   | 25    | 75   | 25    | 75   | 25    | 75       | 25    | 75   | 25    | 75   | 25    | 75   | 25    |                                                                              |  |                           |  |
| 100          | 0     | 100  | 0     | 100  | 0     | 100  | 0     | 100      | 0     | 100  | 0     | 100  | 0     | 100  | 0     |                                                                              |  |                           |  |

|                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| OPC TESTER<br><i>Maurice J. Jensen</i> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WITNESS                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco Inc.

3. Address and Telephone No.

800 Werner Court Casper, Wy 82601 (307) 261-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

PINNECOOSE 6-3  
43-047-30428 Sec 6 T9S R21E

5. Lease Designation and Serial No.

SEE ATTACHED

6. If Indian, Allottee or Tribe Name

SEE ATTACHED

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SEE ATTACHED

9. API Well No.

SEE ATTACHED

10. Field and Pool, or Exploratory Area

Natural Buttes  
Wasatch

11. County or Parish, State

Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

UPDATED SITE SECURITY DIAGRAMS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached are updated site security diagrams for wells in the Natural Buttes Field.

RECEIVED

SEP 23 1993

DIVISION OF  
OIL, GAS & MINING

BLM VERNAL(3), UOGCC(2), WELL FILE, SHUT IN FILE, NEE, VKA, BIC

14. I hereby certify that the foregoing is true and correct

Signed: Lydia Phillips

Title: SHEAR Director

Date: 21 Sep 93

(This space for Federal or State office use)

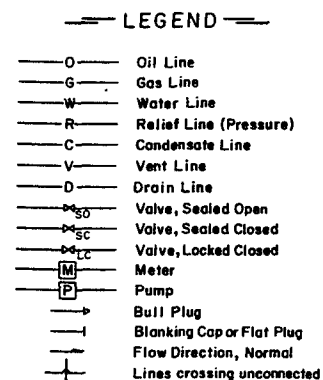
Approved by  
Conditions of approval, if any:

Title


Date

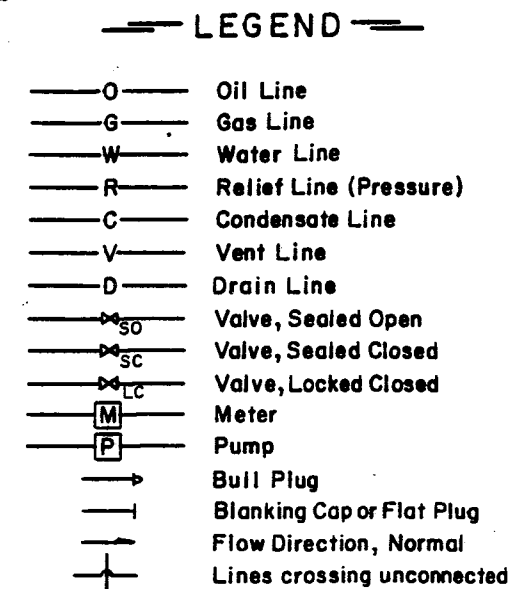
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



Lease No. 9C-00178 Well No. \_\_\_\_\_

|           |       |                                                                                                                  |                  |
|-----------|-------|------------------------------------------------------------------------------------------------------------------|------------------|
| REVISIONS |       | CONOCO INC.                                                                                                      |                  |
| By        | Date  | Casper Division                                                                                                  | Production Dept. |
| GLH       | 11-89 | NATURAL BUTTES                                                                                                   |                  |
|           |       | Pinnecoose 6-3                                                                                                   |                  |
|           |       | County: Uintah                                                                                                   | State: Utah      |
|           |       | Engineer: J.D. Polya, Lee Opr.                                                                                   | Date: 10-88      |
|           |       | Draftsman: SGM Scale  = NTS |                  |



Lease No. 9C-00178 Well No.           

| REVISIONS |       | CONOCO INC.                                                                                                           |                  |
|-----------|-------|-----------------------------------------------------------------------------------------------------------------------|------------------|
| By        | Date  |                                                                                                                       |                  |
| GLH       | 11-89 | Casper Division                                                                                                       | Production Dept. |
|           |       | NATURAL BUTTES                                                                                                        |                  |
|           |       | Pinnecoose 6-3                                                                                                        |                  |
|           |       | County: Uintah                                                                                                        | State: Utah      |
|           |       | Engineer: J.D. Polya, Lse Opr.                                                                                        | Date: 10-86      |
|           |       | Draftsman: SGM Scale <span style="border-bottom: 1px solid black; display: inline-block; width: 100px;"></span> = NTS |                  |

NATURAL BUTTES FIELD

| LEASE #       | WELL NAME                | WELL # | FOOTAGES             | QTR/QTR | SECTION | TWNSHP | RANGE | COUNTY | API NUMBER   |
|---------------|--------------------------|--------|----------------------|---------|---------|--------|-------|--------|--------------|
| 1420-H62-3021 | BLACK 6                  | 35     | 1822' FNL, 681' FEL  | SE/NE   | 6       | 9S     | 21E   | UINTAH | 43-047-31872 |
| 1420-H62-3012 | ANKERPONT 35             | 36     | 1453' FSL, 1359' FWL | NW/SW   | 35      | 8S     | 21E   | UINTAH | 43-047-31960 |
| 1420-H62-2870 | CONOCO UTE TRIBAL 35-16  | 16     | 1666' FSL, 1426' FEL | NW/SE   | 35      | 8S     | 20E   | UINTAH | 43-047-30666 |
| 1420-H62-3012 | CONOCO ANKERPONT ETAL 2  | 6      | 765' FNL, 1577' FWL  | NE/NW   | 2       | 9S     | 21E   | UINTAH | 43-047-30572 |
| 1420-H62-3007 | CONOCO ANKERPONT 31      | 12     | 1320' FSL, 1708' FEL | SW/SE   | 31      | 8S     | 21E   | UINTAH | 43-047-30699 |
| 1420-H62-3650 | CONOCO BLUE FEATHER 4    | 30     | 1668' FSL, 986' FEL  | NE/SE   | 4       | 9S     | 21E   | UINTAH | 43-047-31000 |
| U-34358       | CONOCO CESSPOOCH ETAL 5  | 14     | 799' FSL, 1404' FEL  | SW/SE   | 5       | 9S     | 21E   | UINTAH | 43-047-30675 |
| 1420-H62-2997 | CONOCO D M ICE FRI 34    | 22     | 1455' FSL, 689' FEL  | NE/SE   | 34      | 8S     | 20E   | UINTAH | 43-047-30753 |
| 1420-H62-3701 | CONOCO DUNCAN FEDERAL 33 | 9      | 1230' FSL, 1500' FEL | SW/SE   | 33      | 8S     | 21E   | UINTAH | 43-047-30643 |
| U-8621        | CONCO FED 35             | 5      | 1120' FNL, 1120' FWL | NW/NW   | 35      | 8S     | 21E   | UINTAH | 43-047-30563 |
| FEE           | CONOCO HALL ETAL 31      | 18     | 1308' FNL, 1286' FWL | NW/NW   | 31      | 8S     | 22E   | UINTAH | 43-047-30664 |
| 1420-H62-3008 | CONOCO JENKS             | 11     | 510' FNL, 2095' FWL  | NE/NW   | 5       | 9S     | 21E   | UINTAH | 43-047-30726 |
| 1420-H62-2942 | CONOCO K SNOW KNIGHT 4   | 23     | 1257' FNL, 3796' FEL | NE/NW   | 4       | 9S     | 20E   | UINTAH | 43-047-30749 |
| 1420-H62-3004 | CONOCO KURIP             | 27     | 271' FNL, 1354' FWL  | NE/NW   | 1       | 9S     | 20E   | UINTAH | 43-047-30962 |
| 1420-H62-3010 | CONOCO MTN LION ETAL 34  | 2      | 1871' FSL, 1302' FEL | NE/SE   | 34      | 8S     | 21E   | UINTAH | 43-047-30338 |
| 1420-H62-3701 | CONOCO SERAWOP 4         | 13     | 1353' FNL, 1635' FWL | SE/NW   | 4       | 92     | 21E   | UINTAH | 43-047-30663 |
| 1420-H62-3028 | CONOCO PINNACOOSE 6      | 3      | 1281' FNL, 2306' FWL | NE/NW   | 6       | 9S     | 21E   | UINTAH | 43-047-30428 |
| 1420-H62-3009 | CONOCO PAWWINNEE ETAL 3  | 10     | 901' FNL, 1647' FWL  | NE/NW   | 3       | 9S     | 21E   | UINTAH | 43-047-30662 |
| 1420-H62-3026 | CONOCO POST 3            | 24     | 798' FNL, 1578' FWL  | NE/NW   | 3       | 9S     | 20E   | UINTAH | 43-047-30804 |
| ML-28048      | CONOCO STATE 31          | 32     | 1130' FSL, 1200' FEL | SE/SE   | 31      | 8S     | 22E   | UINTAH | 43-047-906   |
| ML-22052      | CONOCO STATE 32          | 21     | 1848' FSL, 1256' FEL | NE/SE   | 32      | 8S     | 21E   | UINTAH | 43-047-30754 |
| 1420-H62-2998 | CONOCO TABBEE 34         | 20     | 1239' FNL, 2160' FWL | NE/NW   | 34      | 8S     | 20E   | UINTAH | 43-047-30734 |
| 1420-H62-2890 | CONOCO UTE TRIBAL 6      | 1      | 1124' FNL, 1003' FWL | NE/NW   | 6       | 9S     | 22E   | UINTAH | 43-047-30667 |
| 1420-H62-2888 | CONOCO UTE TRIBAL 35-19  | 19     | 1637' FSL, 986' FEL  | NE/SE   | 35      | 8S     | 21E   | UINTAH | 43-047-30665 |
| 1420-H62-2889 | CONOCO UTE TRIBAL 36     | 17     | 1365' FSL, 1504' FEL | NW/SE   | 36      | 8S     | 21E   | UINTAH | 43-047-30682 |
| 1420-H62-3003 | CONOCO WISSIUP           | 15     | 1890' FSL, 1328' FEL | NW/SE   | 36      | 8S     | 20E   | UINTAH | 43-047-30700 |
| 1420-H62-3021 | CONOCO WEEKS 6           | 29     | 821' FSL, 998' FEL   | SE/SE   | 6       | 9S     | 21E   | UINTAH | 43-047-30961 |
| 1420-H62-2994 | CONOCO WYASKET           | 26     | 1803' FSL, 1763' FEL | NW/SE   | 33      | 8S     | 20E   | UINTAH | 43-047-30907 |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-3028

6. If Indian, Allottee or Tribe Name

AL-3028

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Conoco Pinnacoose 6 #3

9. API Well No.

43-047-30428

10. Field and Pool, or Exploratory Area  
Natural Buttes  
Wasatch

11. County or Parish, State  
Uintah County

Utah

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**SUBMIT IN TRIPLICATE**

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☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco Inc.

3. Address and Telephone No.

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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1281' FNL, 2306' FWL (SE/NW), Sec. 6, T9S, 21E

**12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

Updated Site Security Diagram

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is an updated site security drawing for the subject well.

The drawing that was sent on 21 Sep 93 had an incorrect Qtr/Qtr section shown.

The correct Qtr/Qtr is the SE/NW.

RECEIVED

OCT 04 1993

DIVISION OF  
OIL, GAS & MINING

BLM VERNAL(3), UOGCC(2), WELL FILE, SHUT IN FILE, NEE, VKA, BIC

14. I hereby certify that the foregoing is true and correct

Signed: Lydia Phillips

Title: SHEAR Director

Date:

24 Sep 93

(This space for Federal or State office use)

Approved by

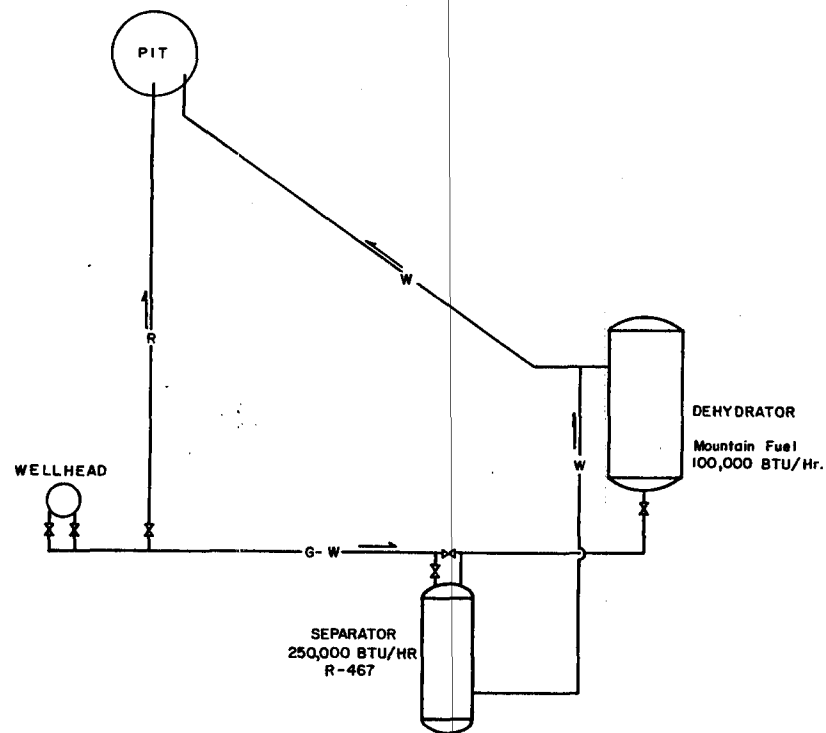
Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



# — LEGEND —

- O — Oil Line
- G — Gas Line
- W — Water Line
- R — Relief Line (Pressure)
- C — Condensate Line
- V — Vent Line
- D — Drain Line
- SO — Valve, Sealed Open
- SC — Valve, Sealed Closed
- LC — Valve, Locked Closed
- M — Meter
- P — Pump
- B — Bull Plug
- BCP — Blanking Cap or Flat Plug
- F — Flow Direction, Normal
- X — Lines crossing unconnected

## SITE SECURITY PLAN

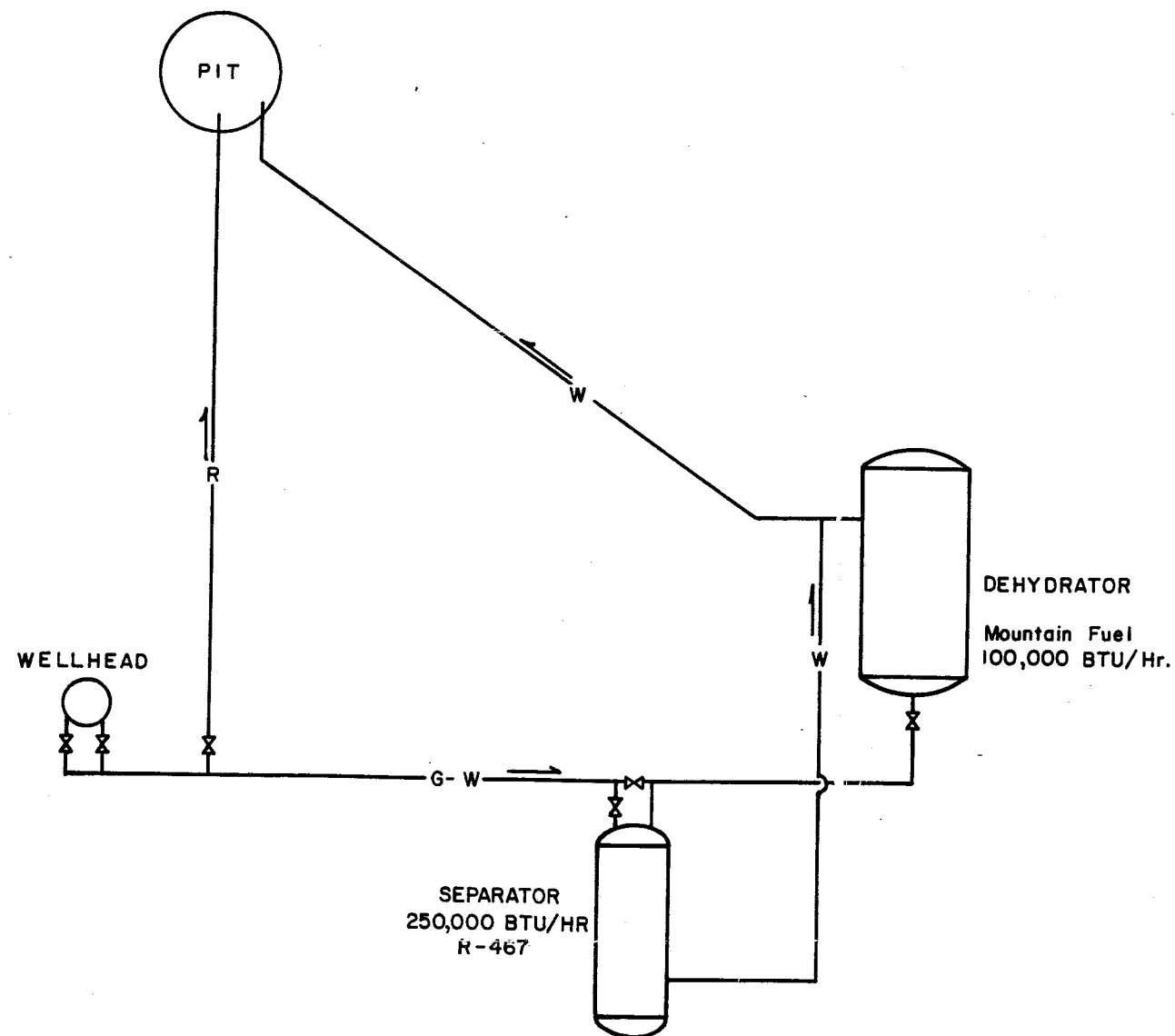
Located at: Rangely Colorado, Field Office  
and Casper Division Office - Casper, Wyoming

















Location: SE 1/4 NW 1/4 Sec. 6, T. 9 S.-R. 21 E.

Lease No. 9C-00178 Well No.         

| REVISIONS |       | CONOCO INC.                                   |                  |
|-----------|-------|-----------------------------------------------|------------------|
| By        | Date  |                                               |                  |
| GLH       | 11-89 | Casper Division                               | Production Dept. |
|           |       | NATURAL BUTTES                                |                  |
|           |       | Pinnecoose 6-3                                |                  |
|           |       | County: Utah                                  | State: Utah      |
|           |       | Engineer: J.D. Polya, Lee Opr.                | Date: 10-88      |
|           |       | Draftsman: SGM Scale: <u>          </u> = NTS |                  |

**— LEGEND —**



- |                                                                                     |                            |
|-------------------------------------------------------------------------------------|----------------------------|
|  | Oil Line                   |
|  | Gas Line                   |
|  | Water Line                 |
|  | Relief Line (Pressure)     |
|  | Condensate Line            |
|  | Vent Line                  |
|  | Drain Line                 |
|  | Valve, Sealed Open         |
|  | Valve, Sealed Closed       |
|  | Valve, Locked Closed       |
|  | Meter                      |
|  | Pump                       |
|  | Bull Plug                  |
|  | Blanking Cap or Flat Plug  |
|  | Flow Direction, Normal     |
|  | Lines crossing unconnected |




# SITE SECURITY PLAN

Located at: Rangely Colorado, Field Office  
and Casper Division Office - Casper, Wyoming

Location: SE /4 NW /4 Sec. 6 , T. 9 S.-R. 21 E.

Lease No. 9C-00178 Well No. \_\_\_\_\_

|                  |             |                                                                                                                         |                         |
|------------------|-------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>REVISIONS</b> |             | <b>CONOCO INC.</b>                                                                                                      |                         |
| <b>By</b>        | <b>Date</b> | <b>Casper Division</b>                                                                                                  | <b>Production Dept.</b> |
| GLH              | 11-89       | <b>NATURAL BUTTES</b>                                                                                                   |                         |
|                  |             | <b>Pinnecoosse 6-3</b>                                                                                                  |                         |
|                  |             | <b>County: Uintah</b>                                                                                                   | <b>State: Utah</b>      |
|                  |             | <b>Engineer: J.D. Polya, Lse Opr.</b>                                                                                   | <b>Date: 10-86</b>      |
|                  |             | <b>Draftsman: SGM Scale  = NTS</b> |                         |

DIVISION OF  
OIL, GAS & MINING

OCT 04 1993

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT --" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco Inc.

3. Address and Telephone No.

800 Werner Court Casper, Wy 82601 (307) 261-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1281' FNL, 2306' FWL (SE/NW), Sec. 6, T9S, 21E

5. Lease Designation and Serial No.

14-20-H62-3028

6. If Indian, Allottee or Tribe Name

AL-3028

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Conoco Pinnacoose 6 #3

9. API Well No.

43-047-30428

10. Field and Pool, or Exploratory Area  
Natural Buttes  
Wasatch

11. County or Parish, State  
Uintah County

Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                            |                                                  |  |
|-------------------------------------------------------|-------------------------------------------|--------------------------------------------------|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Abandonment      | <input type="checkbox"/> Change of Plans         |  |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion     | <input type="checkbox"/> New Construction        |  |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Plugging Back    | <input type="checkbox"/> Non-Routine Fracturing  |  |
|                                                       | <input type="checkbox"/> Casing Repair    | <input type="checkbox"/> Water Shut-Off          |  |
|                                                       | <input type="checkbox"/> Altering Casing  | <input type="checkbox"/> Conversion to Injection |  |
|                                                       | <input checked="" type="checkbox"/> Other | <input type="checkbox"/> Dispose Water           |  |

Updated Site Security Diagram

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is an updated site security drawing for the subject well.

The drawing that was sent on 24 Sep 93 had an incorrect Lease No.

The correct Lease No. is 9C-00179.

BLM-VERNAL (3), UOGCC (2), WELL FILE, NEE, YMS, BIC

14. I hereby certify that the foregoing is true and correct

Signed: E. Leon Grant

Title: SHEAR Director

Date: 5 Jan 94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT --" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco Inc.

3. Address and Telephone No.

800 Werner Court Casper, Wy 82601 (307) 261-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Designation and Serial No.

SEE ATTACHED

6. If Indian, Allottee or Tribe Name

SEE ATTACHED

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SEE ATTACHED

9. API Well No.

SEE ATTACHED

10. Field and Pool, or Exploratory Area  
Natural Buttes  
Wasatch

11. County or Parish, State  
Uintah County

Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

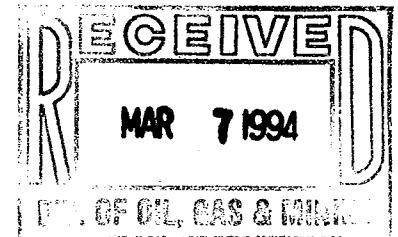
TYPE OF ACTION

☐ Abandonment ☐ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut-Off  
☐ Altering Casing ☐ Conversion to Injection  
☒ Other ☐ Dispose Water

UPDATED SITE SECURITY DIAGRAMS  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached are updated site security diagrams for wells in the Natural Buttes Field.



BLM-VERNAL (3), UOGCC (2), WELL FILE, NEE, YMS, BIC

14. I hereby certify that the foregoing is true and correct

*E. Leon Grant*

Signed: E. Leon Grant

Title: SHEAR Director

Date: 3 Mar 94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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\*See Instruction on Reverse Side

## NATURAL BUTTES FIELD

| LEASE #       | WELL NAME                | WELL # | FOOTAGES             | QTR/QTR | SECTION | TWNSHP | RANGE | COUNTY | API NUMBER   |
|---------------|--------------------------|--------|----------------------|---------|---------|--------|-------|--------|--------------|
| 1420-H62-3650 | CONOCO BLUE FEATHER 4    | 30     | 1668' FSL, 986' FEL  | NE/SE   | 4       | 9S     | 21E   | UINTAH | 43-047-31000 |
| FEE           | CONOCO HALL ETAL 31      | 18     | 1308' FNL, 1286' FWL | NW/NW   | 31      | 8S     | 22E   | UINTAH | 43-047-30664 |
| U-8621        | CONCO FED 35             | 5      | 1120' FNL, 1120' FWL | NW/NW   | 35      | 8S     | 21E   | UINTAH | 43-047-30563 |
| 1420-H62-3028 | CONOCO PINNACOOSE 6      | 3      | 1281' FNL, 2306' FWL | NE/NW   | 6       | 9S     | 21E   | UINTAH | 43-047-30428 |
| 1420-H62-3026 | CONOCO POST 3            | 24     | 798' FNL, 1578' FWL  | NE/NW   | 3       | 9S     | 20E   | UINTAH | 43-047-30804 |
| 1420-H62-2998 | CONOCO TABBEE 34         | 20     | 1239' FNL, 2160' FWL | NE/NW   | 34      | 8S     | 20E   | UINTAH | 43-047-30734 |
| 1420-H62-3021 | BLACK 6                  | 35     | 1822' FNL, 681' FEL  | SE/NE   | 6       | 9S     | 21E   | UINTAH | 43-047-31872 |
| 1420-H62-3012 | ANKERPONT 35             | 36     | 1453' FSL, 1359' FWL | NW/SW   | 35      | 8S     | 21E   | UINTAH | 43-047-31960 |
| 1420-H62-2870 | CONOCO UTE TRIBAL 35-16  | 16     | 1666' FSL, 1426' FEL | NW/SE   | 35      | 8S     | 20E   | UINTAH | 43-047-30666 |
| 1420-H62-3012 | CONOCO ANKERPONT ETAL 2  | 6      | 765' FNL, 1577' FWL  | NE/NW   | 2       | 9S     | 21E   | UINTAH | 43-047-30572 |
| 1420-H62-3007 | CONOCO ANKERPONT 31      | 12     | 1320' FSL, 1708' FEL | SW/SE   | 31      | 8S     | 21E   | UINTAH | 43-047-30699 |
| U-34358       | CONOCO CESSPOOCH ETAL 5  | 14     | 799' FSL, 1404' FEL  | SW/SE   | 5       | 9S     | 21E   | UINTAH | 43-047-30675 |
| 1420-H62-2997 | CONOCO D M ICE FRI 34    | 22     | 1455' FSL, 689' FEL  | NE/SE   | 34      | 8S     | 20E   | UINTAH | 43-047-30753 |
| 1420-H62-3701 | CONOCO DUNCAN FEDERAL 33 | 9      | 1230' FSL, 1500' FEL | SW/SE   | 33      | 8S     | 21E   | UINTAH | 43-047-30643 |
| 1420-H62-2942 | CONOCO K SNOW KNIGHT 4   | 23     | 1257' FNL, 3796' FEL | NE/NW   | 4       | 9S     | 20E   | UINTAH | 43-047-30749 |
| 1420-H62-3008 | CONOCO JENKS             | 11     | 510' FNL, 2095' FWL  | NE/NW   | 5       | 9S     | 21E   | UINTAH | 43-047-30726 |
| ML-22052      | CONOCO STATE 32          | 21     | 1848' FSL, 1256' FEL | NE/SE   | 32      | 8S     | 21E   | UINTAH | 43-047-30754 |
| 1420-H62-3004 | CONOCO KURIP             | 27     | 271' FNL, 1354' FWL  | NE/NW   | 1       | 9S     | 20E   | UINTAH | 43-047-30962 |
| 1420-H62-3003 | CONOCO WISSIUP           | 15     | 1890' FSL, 1328' FEL | NW/SE   | 36      | 8S     | 20E   | UINTAH | 43-047-30700 |
| 1420-H62-3010 | CONOCO MTN LION ETAL 34  | 2      | 1871' FSL, 1302' FEL | NE/SE   | 34      | 8S     | 21E   | UINTAH | 43-047-30338 |
| 1420-H62-3701 | CONOCO SERAWOP 4         | 13     | 1353' FNL, 1635' FWL | SE/NW   | 4       | 9S     | 21E   | UINTAH | 43-047-30663 |
| 1420-H62-3009 | CONOCO PAWWINNEE ETAL 3  | 10     | 901' FNL, 1647' FWL  | NE/NW   | 3       | 9S     | 21E   | UINTAH | 43-047-30662 |
| 1420-H62-2888 | CONOCO UTE TRIBAL 35-19  | 19     | 1637' FSL, 986' FEL  | NE/SE   | 35      | 8S     | 21E   | UINTAH | 43-047-30665 |
| 1420-H62-2889 | CONOCO UTE TRIBAL 36     | 17     | 1365' FSL, 1504' FEL | NW/SE   | 36      | 8S     | 21E   | UINTAH | 43-047-30682 |
| ML-28048      | CONOCO STATE 31          | 32     | 1130' FSL, 1200' FEL | SE/SE   | 31      | 8S     | 22E   | UINTAH | 43-047-906   |
| 1420-H62-3021 | CONOCO WEEKS 6           | 29     | 821' FSL, 998' FEL   | SE/SE   | 6       | 9S     | 21E   | UINTAH | 43-047-30961 |
| 1420-H62-2994 | CONOCO WYASKET           | 26     | 1803' FSL, 1763' FEL | NW/SE   | 33      | 8S     | 20E   | UINTAH | 43-047-30907 |
| 1420-H62-2890 | CONOCO UTE TRIBAL 6      | 1      | 1124' FNL, 1003' FWL | NE/NW   | 6       | 9S     | 22E   | UINTAH | 43-047-30667 |



|      |                            |
|------|----------------------------|
| —O—  | Oil Line                   |
| —G—  | Gas Line                   |
| —W—  | Water Line                 |
| —R—  | Relief Line (Pressure)     |
| —C—  | Condensate Line            |
| —V—  | Vent Line                  |
| —D—  | Drain Line                 |
| —SO— | Valve, Sealed Open         |
| —SC— | Valve, Sealed Closed       |
| —LC— | Valve, Locked Closed       |
| —M—  | Meter                      |
| —P—  | Pump                       |
| —→—  | Bull Plug                  |
| — —  | Blanking Cap or Flat Plug  |
| —↑—  | Flow Direction, Normal     |
| —X—  | Lines crossing unconnected |

|           |       |                                  |             |
|-----------|-------|----------------------------------|-------------|
| REVISIONS |       | CONOCO INC.                      |             |
| By        | Date  | Casper Division                  |             |
| GLH       | 11-89 | Production Dept.                 |             |
|           |       | NATURAL BUTTES                   |             |
|           |       | Pinnecoose 6-3                   |             |
|           |       | Country: Uintah                  | State: Utah |
|           |       | Engineer: J.D. Polya, L&E Opr.   |             |
|           |       | Date: 10-86                      |             |
|           |       | Draftsman: SGM Scale _____ = NTS |             |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
CONOCO INC  
CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

1281' FNL & 2306' FWL, (SE/NW), Sec. 6, T 9S, R 21E

5. Lease Designation and Serial No.

14-20-H62-3028

6. If Indian, Allottee or Tribe Name

Uintah & Ouray

7. If Unit or CA, Agreement Designation

9C - 179

8. Well Name and No.

Conoco Pinnacoose 6, Well # 3

9. API Well No.

43-047-30428

10. Field and Pool, or Exploratory Area

Wasatch

11. County or Parish, State

Uintah, Ut.

**IN CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Repon  
☐ Final Abandonment Notice

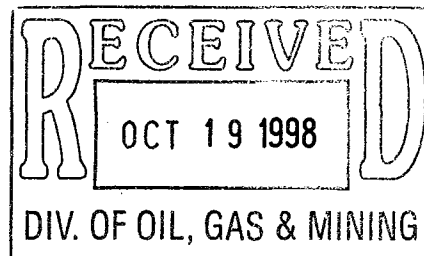
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Diagrams  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracrunng  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Repon results of multiple completion well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is an updated Site Security Diagram for the above well.



14. I hereby certify that the foregoing is true and correct

Signed

*Bill R. Keathly*

Title

Bill R. Keathly  
Sr. Regulatory Specialist

Date

10-15-98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval if any:

BLM(3), UOFC(2), BIA(1) BRK, PONCA, TJK, FILE ROOM

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\*See Instruction on Reverse Side

wellhead



G-C-W

seperator

dehi

**CONOCO**

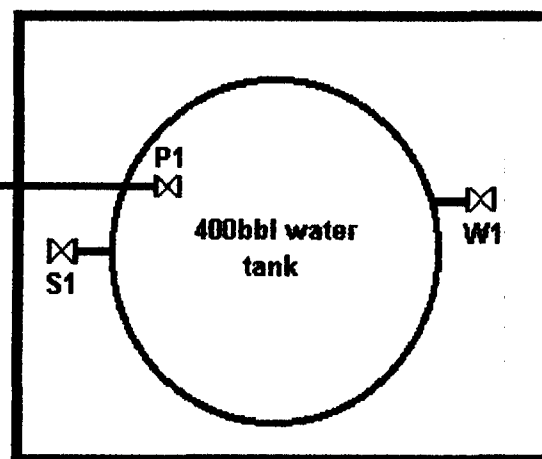
**Natural buttes**

**Pinnacoose 6-3**

SE/4 NW/4, Sec. 6, T 9S, R 21 E.

Lease No. 14-20-H62-3028

C.A. No. 9C179



**SITE SECURITY PLAN**

S1 Sales valve, sealed closed during production.

W1 Water drain valve, sealed closed.

P1 Production valve, open

**Rev. 8-98**

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 4

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

CANDY FRIZZELL  
 CONOCO INC  
 1000 S PINE RM 565-1 NT  
 PONCA CITY OK 74602-1267

UTAH ACCOUNT NUMBER: N0260

REPORT PERIOD (MONTH/YEAR): 10 / 98

AMENDED REPORT ☐ (Highlight Changes)

| Well Name<br>API Number | Entity | Location   | Producing<br>Zone | Well<br>Status | Days<br>Oper | Production Volumes |               |            |
|-------------------------|--------|------------|-------------------|----------------|--------------|--------------------|---------------|------------|
|                         |        |            |                   |                |              | OIL(BBL)           | GAS(MCF)      | WATER(BBL) |
| PINNACOOSE 6 #3         |        |            |                   |                |              |                    |               |            |
| 4304730428              | 00055  | 09S 21E 6  | WSTC              |                |              | 14-20-H62-3028     | CA# 9C-179    | ✓(2.22.99) |
| MNT LION ETAL 34 #2     |        |            |                   |                |              |                    |               |            |
| 4304730338              | 00060  | 08S 21E 34 | WSTC              |                |              | 14-20-H62-3010     | CA# 9C-178    | ✓(2.22.99) |
| FED 35 #5               |        |            |                   |                |              |                    |               |            |
| 4304730563              | 00070  | 08S 21E 35 | WSTC              |                | fed          | U-8621             | CA# NPM-11004 | ✓(1.29.99) |
| ANKERPONT ETAL 2 #6     |        |            |                   |                |              |                    |               |            |
| 4304730572              | 00075  | 09S 21E 2  | WSTC              |                |              | 14-20-H62-3012     | CA# 9C-187    | ✓(1.29.99) |
| DUNCAN FED 33 #9        |        |            |                   |                |              |                    |               |            |
| 4304730643              | 00080  | 08S 21E 33 | WSTC              |                |              | 14-20-H62-3701     | CA# NPM-1705  | ✓(4.28.99) |
| PAWINNEE ETAL 3 #10     |        |            |                   |                |              |                    |               |            |
| 4304730662              | 00085  | 09S 21E 3  | WSTC              |                |              | 14-20-H62-3009     | CA# 9C-186    | ✓(2.22.99) |
| CESSPOOCH ETAL 5 #14    |        |            |                   |                |              |                    |               |            |
| 4304730675              | 00090  | 09S 21E 5  | WSTC              |                | fed          | UTU-34358          | CA# CR-4      | ✓(2.22.99) |
| HALL ETAL 31 #18        |        |            |                   |                |              |                    |               |            |
| 4304730664              | 00095  | 08S 22E 31 | WSTC              |                | fee          |                    | CA# NPM-1887  | ✓(1.29.99) |
| JENKS ETAL 5 #11        |        |            |                   |                |              |                    |               |            |
| 4304730726              | 00100  | 09S 21E 5  | WSTC              |                |              | 14-20-H62-3008     | CA# 9C-183    | ✓(2.22.99) |
| WISSIUP ETAL 36 #15     |        |            |                   |                |              |                    |               |            |
| 4304730700              | 00105  | 08S 20E 36 | WSTC              |                |              | 14-20-H62-3003     | CA# CR-I-219  | ✓(2.22.99) |
| UTE TRIBAL 36 #17       |        |            |                   |                |              |                    |               |            |
| 4304730682              | 00110  | 08S 21E 36 | WSTC              |                |              | 14-20-H62-2889     | CA# 9C-205    | ✓(1.29.99) |
| TABBEE 34 #20           |        |            |                   |                |              |                    |               |            |
| 4304730734              | 00115  | 08S 20E 34 | WSTC              |                |              | 14-20-H62-2998     | CA# 9C-207    | ✓(2.22.99) |
| STATE 32 #21            |        |            |                   |                |              |                    |               |            |
| 4304730754              | 00120  | 08S 21E 32 | WSTC              |                | ST           | ML-22052           | CA# 9C-204    | ✓(1.29.99) |
| <b>TOTALS</b>           |        |            |                   |                |              |                    |               |            |

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells deepen existing wells or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

|                                                                                                        |  |                                                           |
|--------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|
| 1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____     |  | 5. Lease Designation and Serial Number:<br>14-20-H62-3028 |
| 2. Name of Operator:<br>Conoco Inc.                                                                    |  | 6. If Indian Allottee or Tribe Name:<br>Uintah & Ouray    |
| 3. Address and Telephone Number:<br>10Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-5424       |  | 7. Unit Agreement Name:<br>9C - 179                       |
| 4. Location of Well<br>Footages: 1281' FNL & 2306' FWL<br>QQ, Sec. T, R, M (SE/NW) Sec. 6, T 9S, R 21E |  | 8. Well Name and Number:<br>Conoco Pinnacoose 6, Well # 3 |
|                                                                                                        |  | 9. API Well Number:<br>43-047-30428                       |
|                                                                                                        |  | 10. Field and Pool or Wildcat:<br>Wasatch                 |
|                                                                                                        |  | County: Uintah                                            |
|                                                                                                        |  | State: Ut                                                 |

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |                                                    |                                               |
|----------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |                                               |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |                                                    |                                               |
|----------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Conversion to Injection   | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Transfer of Operator                          |

Date of work completion \_\_\_\_\_

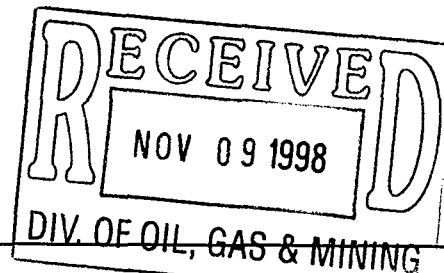
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

Conoco has sold this well to Coastal Oil & Gas Corporation effective November 2, 1998.

Coastal Oil & Gas Corporation state operator number is N0230, and their Blanket Bond number is 102103.



13.

Name & Signature: Bill R. Keathly

Bill R. Keathly

Title Sr. Regulatory Specialist

Date 11-2-98

(This space for State use only)

Dist; State(3), BRK, TJK, Ponca, File Rm.

# **OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

|         |         |
|---------|---------|
| 1-KDR ✓ | 6-KAS ✓ |
| 2-GLH   | 7-SJ    |
| 3-JRB ✓ | 8-FILE  |
| 4-CDW ✓ |         |
| 5-KDR ✓ |         |

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 11-2-98

**TO:** (new operator) COASTAL OIL & GAS CORP  
 (address) 9 GREENWAY PLAZA  
HOUSTON, TX 77046-0995  
M.D. ERNEST  
 Phone: (713) 877-7890  
 Account no. N0230

**FROM:** (old operator) CONOCO INC.  
 (address) 10 DESTA DR. STE 100W  
MIDLAND, TX 79705-4500  
BILL R. KEATHLY  
 Phone: (915) 686-5424  
 Account no. N0260

**WELL(S)** attach additional page if needed:

**\*CA AGREEMENT**

|                             |                         |               |         |         |         |              |
|-----------------------------|-------------------------|---------------|---------|---------|---------|--------------|
| Name: <u>*SEE ATTACHED*</u> | API: <u>43047.30428</u> | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                 | API: _____              | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                 | API: _____              | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                 | API: _____              | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                 | API: _____              | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                 | API: _____              | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                 | API: _____              | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |

## **OPERATOR CHANGE DOCUMENTATION**

- ☒ 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 11-9-98)*
- ☒ 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 11-16-98)*
- ☒ 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- ☒ 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below. *(Rec'd 12-29-98, 1-11-99, 1-21-99, 2-5-99, 3-4-99, 4-28-99)*
- ☒ 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above.
- ☒ 6. **Cardex** file has been updated for each well listed above.
- ☒ 7. Well **file labels** have been updated for each well listed above. *(New filing system)*
- ☒ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- ☒ 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- ☒ 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- ☒ 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- ☒ 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond. (11-24-98) U608382-1 (blanket bond already furnished)
- ☒ 2. A copy of this form has been placed in the new and former operator's bond files.
- ☒ 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date                     . If yes, division response was made to this request by letter dated                     .

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- ☒ 1. Copies of documents have been sent on                      to                      at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- ☒ 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated December 17, 1998, of their responsibility to notify all interest owners of this change.

## FILMING

- ☒ 1. All attachments to this form have been microfilmed. Today's date: May 18, 1999

## FILING

- ☐ 1. Copies of all attachments to this form have been filed in each well file.
- ☐ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells deepen existing wells or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

|                                                                                                        |  |                                                           |
|--------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|
| 1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____     |  | 5. Lease Designation and Serial Number:<br>14-20-H62-3028 |
| 2. Name of Operator:<br>Coastal Oil & Gas Corporation                                                  |  | 6. If Indian Allottee or Tribe Name:<br>Uintah & Ouray    |
| 3. Address and Telephone Number:<br>Nine Greeway Plaza, Houston, TX 77046-0995                         |  | 7. Unit Agreement Name:<br>9C - 179                       |
| 4. Location of Well<br>Footages: 1281' FNL & 2306' FWL<br>QQ, Sec. T, R, M (SE/NW) Sec. 6, T 9S, R 21E |  | 8. Well Name and Number:<br>Conoco Pinnacoose 6, Well # 3 |
|                                                                                                        |  | 9. API Well Number:<br>43-047-30428                       |
|                                                                                                        |  | 10. Field and Pool or Wildcat:<br>Wasatch                 |
|                                                                                                        |  | County: Uintah<br>State: Ut                               |

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |                                                    |                                               |
|----------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |                                               |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |                                                    |                                               |
|----------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Conversion to Injection   | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Transfer of Operator                          |

Date of work completion \_\_\_\_\_

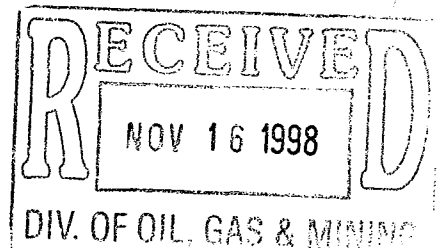
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

Effective November 2, 1998, Coastal Oil & Gas Corporation has assumed operations of the above listed well from Conoco Inc.

Coastal's state Operator Number is N 0230 and the Blanket bond number is 102103.



13.

Name & Signature: \_\_\_\_\_

M. D. Ernest

Title: Technical Manager

Date: 11/11/98

(This space for State use only)

Dist; State(3),

UNITED STATES GOVERNMENT  
**memorandum**

DATE: February 11, 1999

REPLY TO  
ATTN OF:

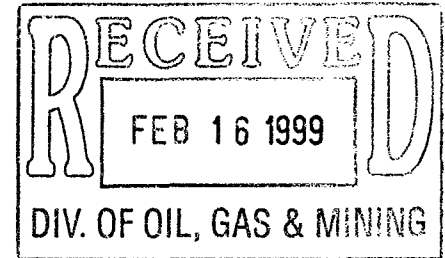
Acting Superintendent, Uintah and Ouray Agency

SUBJECT:

Concurrence for Approval for Change of Operator

TO:

Bureau of Land Management, Vernal District



Transmitted herewith for your records is an approved Designation of Successor Operator for a Communitization Agreement, and Coastal Oil and Gas Corp. will be the operator for the following location:

**OPERATOR - FROM:** Conoco, Inc.  
**TO:** Coastal Oil & Gas Corp.

| CA No.    | Location  | Legal | Acres  |
|-----------|-----------|-------|--------|
| CR-172    | 33-8S-20E | S/2   | 317.60 |
| 9C-207    | 34-8S-20E | N/2   | 316.96 |
| 9C-208    | 34-8S-20E | S/2   | 320.0  |
| 9C-184    | 35-8S-20E | S/2   | 320.0  |
| CR-I-219  | 36-8S-20E | S/2   | 320.0  |
| 9C-209    | 31-8S-21E | S/2   | 318.29 |
| 9C-178    | 34-8S-21E | S/2   | 320.0  |
| 9C-210    | 3-9S-20E  | N/2   | 322.26 |
| 9C-191    | 4-9S-20E  | N/2   | 305.06 |
| UTU-76246 | 1-9S-21E  | N/2   | 320.0  |
| 9C-187    | 2-9S-21E  | N/2   | 326.64 |
| 9C-186    | 3-9S-21E  | N/2   | 323.40 |
| 9C-183    | 5-9S-21E  | N/2   | 314.21 |
| CR-4      | 5-9S-21E  | S/2   | 320.0  |
| 9C-179    | 6-9S-21E  | N/2   | 341.38 |
| CR-12     | 6-9S-22E  | N/2   | 306.09 |

The enclosed instruments are approved as of the date of this letter. Coastal's BIA Bond will be used to cover all CA operations. All well's within the CA area are responsibility of the new CA operator.

If you have any questions, please contact this office.

*Charles H. Cameron*

cc: Jerry Kenczka, BLM/Vernal  
Lisha Cordova, DOGM/State of Utah  
Theresa Thompson, BLM/SLC State Office  
Ute Indian Tribe Energy & Minerals

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number UTU-76246

Designation of successor Operator for cummunitized area,  
County of Uintah, State of Utah, being:

Township 9 South, Range 21 East  
Section N/2 Section 1  
Containing 320.00 acres, more or less.

THIS INDENTURE, dated as of the 4th day of January,  
1999 by and between Coastal Oil & Gas Corporation, hereinafter  
designated as "First Party," and the owners of communitized  
working interests, hereinafter designated as "Second Parties,"

WHEREAS, under the provisions of the Act of February 25,  
1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by  
the Act of August 8, 1946, 60 Stat. 950, a Communitization  
Agreement for the above Communitized Area, effective June 30,  
1993 wherein Conoco, Inc. is designated as  
Operator of the communitized area; and

WHEREAS said, Conoco, Inc. has resigned as  
Operator, and the designation of a successor Operator is now  
required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by  
Second Parties as Operator of the communitized area, and said  
First Party desires to assume all the rights, duties and  
obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises  
hereinbefore set forth and the promises hereinafter stated, the  
First party hereby covenants and agrees to fulfill the duties and  
assume the obligations of Operator of the communitized area under  
and pursuant to all the terms of said Communitization Agreement,  
and the Second Parties covenant and agree that, effective upon  
approval of this indenture by the ~~Chief, Branch of Fluid~~ <sup>Superintendent,</sup> ~~Minerals, Bureau of Land Management,~~ <sup>Uintah & Ouray Agency</sup> ~~First Party shall be granted~~ <sup>BIA</sup>  
the exclusive right and privilege of exercising any and all  
rights and privileges as Operator, pursuant to the terms and  
conditions of said Communitization Agreement; said Agreement  
being hereby incorporated herein by reference and made a part  
hereof as fully and effectively as though said Agreement were  
expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spivey

Witness

L. Peter

Witness

FIRST PARTY

Coastal Oil & Gas Corporation

BY

W. L. Donnelly

W. L. Donnelly, Vice Pres.

*WLD*

SECOND PARTIES

BY \_\_\_\_\_

Execution Date: \_\_\_\_\_

BY \_\_\_\_\_

Execution Date: \_\_\_\_\_

BY \_\_\_\_\_

Execution Date: \_\_\_\_\_

BY \_\_\_\_\_

Execution Date: \_\_\_\_\_

BY \_\_\_\_\_

Execution Date: \_\_\_\_\_

The foregoing indenture designating Coastal Oil and Gas Corporation, as Operator, under the Communitization Agreement for the above location, on FEB 09 1999.

Charles H. Cameron

Acting Superintendent  
Uintah & Ouray Agency,  
Bureau of Indian Affairs  
Fort Duchesne, Utah

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS )  
COUNTY OF HARRIS ) SS.

The foregoing instrument was acknowledged before me this 4th day of January, 1999, by W. L. Donnelly, Vice President, on behalf of Coastal Oil & Gas Corporation.

WITNESS my hand and official seal.

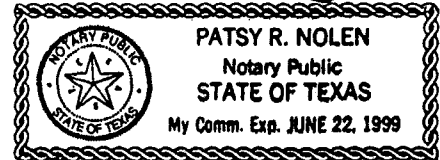
My Commission Expires:

June 22, 1999

Patsy R. Nolen  
Notary Public

Place of Residence:

Harris Co TX



INDIVIDUAL ACKNOWLEDGEMENT

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On the \_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared before me \_\_\_\_\_, the signer(s) of the above instrument, who duly acknowledge to me that he (she or they) executed the same.

WITNESS my hand and official seal.

My Commission Expires:

\_\_\_\_\_

\_\_\_\_\_  
Notary Public

Place of Residence:

\_\_\_\_\_



DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number 9C-000187

Designation of successor Operator for cummunitized area,  
County of Uintah, State of Utah, being:

Township 9 South, Range 21 East  
Section N/2 2  
Containing 326.64 acres, more or less.

THIS INDENTURE, dated as of the 4th day of January, 1999 by and between Coastal Oil & Gas Corporation, hereinafter designated as "First Party," and the owners of communitized working interests, hereinafter designated as "Second Parties,"

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the above Communitized Area, effective May 1, 1978 wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS said, Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties and obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of said Communitization Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid <sup>Superintendent,</sup> Minerals, Bureau of Land Management, <sup>Uintah & Ouray Agency,</sup> First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument. <sup>BIA</sup>

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spier

Witness

L. Peña  
Witness

FIRST PARTY

Coastal Oil & Gas Corporation

BY

W. L. Donnelly  
W. L. Donnelly, Vice Pres.

gth

SECOND PARTIES

BY

Execution Date: \_\_\_\_\_

BY

Execution Date: \_\_\_\_\_

BY

Execution Date: \_\_\_\_\_

BY

Execution Date: \_\_\_\_\_

BY

Execution Date: \_\_\_\_\_

The foregoing indenture designating Coastal Oil and Gas Corporation, as Operator, under the Communitization Agreement for the above location, on FEB 03 1959.

Charles H. Cameron  
Acting Superintendent  
Uintah & Ouray Agency,  
Bureau of Indian Affairs  
Fort Duchesne, Utah

CORPORATE ACKNOWLEDGEMENT

STATE OF Texas )  
COUNTY OF Harris ) SS.

The foregoing instrument was acknowledged before me this 4th day of January, 1999, by W. L. Donnelly, Vice President, on behalf of Coastal Oil & Gas Corporation.

WITNESS my hand and official seal.

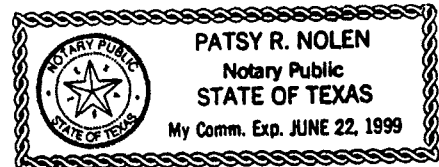
My Commission Expires:

June 22, 1999

Patsy R. Nolen  
Notary Public

Place of Residence:

Harris County, TX



INDIVIDUAL ACKNOWLEDGEMENT

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On the \_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared before me \_\_\_\_\_, the signer(s) of the above instrument, who duly acknowledge to me that he (she or they) executed the same.

WITNESS my hand and official seal.

My Commission Expires:

\_\_\_\_\_

\_\_\_\_\_  
Notary Public

Place of Residence:

\_\_\_\_\_

## SIGNATION OF SUCCESSOR OPERAT

Communitization Agreement Number: CR-172Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M  
SECTION: S1/2, 33  
Containing 317.6 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 12/1/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation  
(First Party)

By: W. L. Donnelly  
W. L. Donnelly, Vice President

(Second Party)

By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST

By: \_\_\_\_\_

ATTEST

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000207

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M  
SECTION: N1/2, 34  
Containing 316.96 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 12/6/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]  
Witness  
[Signature]  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: [Signature]  
W. L. Donnelly, Vice President

(Second Party)

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

[Signature]  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

# DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000208

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M  
SECTION: S1/2, 34  
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 1/12/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

*Donald H. Spivey*  
Witness  
*D. P. [Signature]*  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: *W. L. Donnelly*  
W. L. Donnelly, Vice President

(Second Party)

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

*Charles H. Cameron*  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000184

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M  
SECTION: S1/2, 35  
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]  
Witness  
[Signature]  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: [Signature]  
W. L. Donnelly, Vice President

(Second Party)

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

[Signature]  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: CR-I-219

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M  
SECTION: S1/2, 36  
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/82, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

*Donald H. Spier*  
Witness  
*L. Peña*  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: *W. L. Donnelly*  
W. L. Donnelly, Vice President

(Second Party)

ATTEST

By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST

By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

*Charles H. Cameron*  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah



DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000209

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 21, EAST USB&M/SLB&M  
SECTION: S1/2, 31  
Containing 318.29 acres, more or less.

This indenture, dated as of the 27th day of January, 19 99, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 1/12/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spivey  
Witness  
D. Pena  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: W. L. Donnelly  
W. L. Donnelly, Vice President

(Second Party)

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 19 99.

Charles H. Cameron  
(Acting) Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000178

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 21, EAST USB&M/SLB&M  
SECTION: S1/2, 34  
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spivey  
Witness  
L. Peña  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: W. L. Donnelly  
W. L. Donnelly, Vice President

(Second Party)

ATTEST

By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST

By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Acting

Charles H. Cameron  
Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000210

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 20, EAST USB&M/SLB&M  
SECTION: N1/2, 3  
Containing 322.26 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 1/12/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]  
Witness  
[Signature]  
Witness

Coastal Oil and Gas Corporation  
(First Party)  
By: [Signature]  
W. L. Donnelly, Vice President

(Second Party)

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

[Signature]  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-191

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 20, EAST USB&M/SLB&M  
SECTION: N1/2, 4  
Containing 305.06 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spier  
Witness  
A. Peña  
Witness

Coastal Oil and Gas Corporation  
(First Party)  
By: W. L. Donnelly  
W. L. Donnelly, Vice President

(Second Party)

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000186

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M  
SECTION: N1/2, 3  
Containing 323.40 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Garcia  
Witness  
L. Pena  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: W. L. Donnelly  
W. L. Donnelly, Vice President

(Second Party)

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000183

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M  
SECTION: N1/2, 5  
Containing 314.21 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]  
Witness  
[Signature]  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: [Signature]  
W. L. Donnelly, Vice President

(Second Party)

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST  
By: \_\_\_\_\_

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Acting [Signature]  
Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: CR-4

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M  
SECTION: S1/2, 5  
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 3/21/80, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spier  
Witness  
L. P. Piro  
Witness

Donald H. Spier  
Witness  
L. P. Piro  
Witness

Coastal Oil and Gas Corporation  
(First Party)

By: W. L. Donnelly  
W. L. Donnelly, Vice President

CIG Exploration, Inc.  
(Second Party)

By: Gregory W. Hutson  
Gregory W. Hutson, Vice President

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron  
Acting Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000179

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M  
SECTION: N1/2, 6  
Containing 341.38 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation  
(First Party)

By: W. L. Donnelly  
W. L. Donnelly, Vice President

(Second Party)

By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST

By: \_\_\_\_\_

ATTEST

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Acting

Charles H. Cameron  
Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah



DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: VR491-84688C

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 22, EAST USB&M/SLB&M  
SECTION: S1/2, 31  
Containing 319.55 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 11/15/82, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation  
(First Party)

By: W. L. Donnelly  
W. L. Donnelly, Vice President

Key Production Co.  
(Second Party)

By: Stephen F. Bell  
Stephen F. Bell, Vice President-Land

By: \_\_\_\_\_

Donna R. Pelt  
Witness  
Anna R. Pelt  
Witness

ATTEST

By: Sharon M. Pope  
Assistant Secretary, Sharon M. Pope

ATTEST

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this \_\_\_\_\_ day of \_\_\_\_\_, 1999.

\_\_\_\_\_  
Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: CR-12

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 22, EAST USB&M/SLB&M  
SECTION: N1/2, 6  
Containing 306.09 acres, more or less.

This indenture, dated as of the 27th day of January, 19 99, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/80, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby convenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation  
(First Party)

By: W. L. Donnelly  
W. L. Donnelly, Vice President

(Second Party)

By: \_\_\_\_\_

By: \_\_\_\_\_

ATTEST

By: \_\_\_\_\_

ATTEST

By: \_\_\_\_\_

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 19 99.

Acting Charles H. Cameron  
Superintendent, Uintah and Ouray Agency  
Bureau of Indian Affairs  
Fort Duchesne, Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

3a. Address

**P.O. Box 1148, Vernal UT 84078**

3b. Phone No. (include area code)

**(435)-781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE NW Section 6-T9S-R21E 1281'FNL & 2306'FWL**

5. Lease Serial No.

**14-20-H62-3028**

6. If Indian, Allottee or Tribe Name

**Uintah & Ouray**

7. If Unit or CA/Agreement, Name and/or No.

**9C-179**

8. Well Name and No.

**Pinnacoose 6 Well #3**

9. API Well No.

**43-047-30428**

10. Field and Pool, or Exploratory Area

**Ouray**

11. County or Parish, State

**Uintah Utah**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☒ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other \_\_\_\_\_

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**The Pinnacoose 6 well #3 began producing to the CTB #W31N on 1/5/01. The condensate is producing to the CA-2 (9C-179) tank.**

**RECEIVED**

**JAN 17 2001**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Cheryl Cameron**

Title

**Sr. Regulatory Analyst**

Date **1/8/01**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
*Office of the Secretary of State*

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 1 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

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STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

**RECEIVED**

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

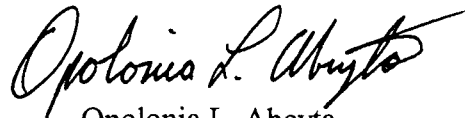
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah~~, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)



1112 copy



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Uintah and Ouray Agency

P. O. Box 130

988 South 7500 East

Fort Duchesne, Utah 84026-0130

Phone: (435) 722-4300

Fax: (435) 722-2323

IN REPLY REFER TO:

Minerals and Mining

Phone: (435) 722-4310

Fax: (435) 722-2809

August 16, 2001

El Paso Production Company  
Attn: Elizabeth R. Williams  
Nine Greenway Plaza  
Houston, TX 77046-0995

Dear Mrs. Williams:

We are in receipt of the corporate documentation for the name change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company.

All documents appear to be in order, and the approval is hereby authorized to change all records, including change of operator of certain oil and gas wells, Rights-of-Way, Communitization Agreements, Oil and Gas Leases, Exploration and Development Agreements, etc. from Coastal Oil & Gas Corporation to "El Paso Production Oil and Gas Company".

Approval of this name change is August 16, 2001, but effective on March 9, 2001. If you have any questions, please do not hesitate to contact this office.

Respectfully,

Acting Superintendent

RECEIVED

AUG 22 2001

DIVISION OF  
OIL, GAS AND MINING

## OPERATOR CHANGE WORKSHEET

## ROUTING

|          |  |        |
|----------|--|--------|
| 1. GLH   |  | 4-KAS  |
| 2. CDW ✓ |  | 5-LP   |
| 3. JLT   |  | 6-FILE |

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** MergerThe operator of the well(s) listed below has changed, effective: **3-09-2001****FROM:** (Old Operator):

COASTAL OIL &amp; GAS CORPORATION

Address: 9 GREENWAY PLAZA STE 2721

HOUSTON, TX 77046-0995

Phone: 1-(713)-418-4635

Account N0230

**TO:** ( New Operator):

EL PASO PRODUCTION OIL &amp; GAS COMPANY

Address: 9 GREENWAY PLAZA STE 2721 RM 2975B

HOUSTON, TX 77046-0995

Phone: 1-(832)-676-4721

Account N1845

CA No.

Unit:

## WELL(S)

| NAME            |          | API<br>NO    | ENTITY<br>NO | SEC TWN<br>RNG | LEASE<br>TYPE | WELL<br>TYPE | WELL<br>STATUS |
|-----------------|----------|--------------|--------------|----------------|---------------|--------------|----------------|
| SERAWOP 4-46    | (84C725) | 43-047-33504 | 99999        | 04-09S-21E     | INDIAN        | GW           | NEW            |
| JENKS ETAL 5 11 | (9C-179) | 43-047-30726 | 100          | 05-09S-21E     | INDIAN        | GW           | P              |
| BLACK 44        | (CR-4)   | 43-047-32537 | 11715        | 05-09S-21E     | INDIAN        | GW           | P              |
| OURAY 5-83      | (CR-4)   | 43-047-33166 | 13076        | 05-09S-21E     | INDIAN        | GW           | DRL            |
| JENKS 5-41      | (9C-183) | 43-047-33280 | 12556        | 05-09S-21E     | INDIAN        | GW           | P              |
| OURAY 5-67      | (9C-183) | 43-047-33281 | 12543        | 05-09S-21E     | INDIAN        | GW           | P              |
| OURAY 5-68      | (9C-183) | 43-047-33282 | 12670        | 05-09S-21E     | INDIAN        | GW           | P              |
| OURAY 5-72      | (9C-183) | 43-047-33283 | 12554        | 05-09S-21E     | INDIAN        | GW           | P              |
| BLACK 5-104     | (CR-4)   | 43-047-33380 | 12802        | 05-09S-21E     | INDIAN        | GW           | P              |
| JENKS 5-153     | (9C-183) | 43-047-33869 | 13206        | 05-09S-21E     | INDIAN        | GW           | DRL            |
| OURAY 5-160     | (9C-183) | 43-047-33923 | 99999        | 05-09S-21E     | INDIAN        | GW           | APD            |
| PINNACOOSE 6 3  | (9C-179) | 43-047-30428 | 55           | 06-09S-21E     | INDIAN        | GW           | P              |
| WEEKS 6 29      | (CR-144) | 43-047-30961 | 160          | 06-09S-21E     | INDIAN        | GW           | P              |
| BLACK 6-35      | (9C-179) | 43-047-31872 | 11073        | 06-09S-21E     | INDIAN        | GW           | P              |
| OURAY 6-66      | (CR-144) | 43-047-33284 | 12544        | 06-09S-21E     | INDIAN        | GW           | P              |
| OURAY 6-71      | (CR-144) | 43-047-33285 | 12552        | 06-09S-21E     | INDIAN        | GW           | P              |
| OURAY 6-73      | (9C-179) | 43-047-33286 | 12681        | 06-09S-21E     | INDIAN        | GW           | P              |
| OURAY 6-82      | (C5-144) | 43-047-33309 | 12559        | 06-09S-21E     | INDIAN        | GW           | P              |
| WEEKS 6-154     | (CR-144) | 43-047-33924 | 99999        | 06-09S-21E     | INDIAN        | GW           | APD            |
| BLACK 6-155     | (9C-179) | 43-047-33925 | 99999        | 06-09S-21E     | INDIAN        | GW           | APD            |

## OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 08/16/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 08/16/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 09/04/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 09/04/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**INDIAN BOND VERIFICATION:**

1. Indian well(s) covered by Bond No.: 103601473

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

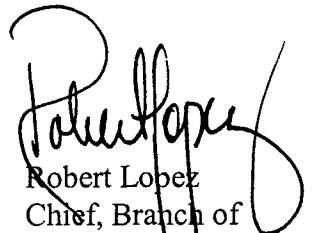
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

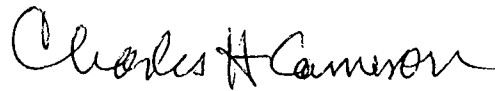
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono



JAN. 17. 2003 3:34PM

PORT

NO. 173

P. 2



## WESTPORT OIL AND GAS COMPANY, L.P.

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

CITY Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                                                                               | TYPE OF ACTION                                          |                                                           |                                                        |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|                                                                                                                  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
|                                                                                                                  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON           |
|                                                                                                                  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input checked="" type="checkbox"/> OPERATOR CHANGE       | <input type="checkbox"/> TUBING REPAIR                 |
|                                                                                                                  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                 |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____   | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                |
|                                                                                                                  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                |
|                                                                                                                  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input type="checkbox"/> OTHER: _____                  |
|                                                                                                                  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |                                                        |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: \_\_\_\_\_

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- |                                               |                                           |                                                    |                                           |
|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | SUCCESSOR OF                              |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | OPERATOR                                  |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS &amp; MINING

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW✓

3. FILE

## X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 12-17-02

|                                      |                               |
|--------------------------------------|-------------------------------|
| <b>FROM: (Old Operator):</b>         | <b>TO: ( New Operator):</b>   |
| EL PASO PRODUCTION OIL & GAS COMPANY | WESTPORT OIL & GAS COMPANY LP |
| Address: 9 GREENWAY PLAZA            | Address: P O BOX 1148         |
|                                      |                               |
| HOUSTON, TX 77064-0995               | VERNAL, UT 84078              |
| Phone: 1-(832)-676-5933              | Phone: 1-(435)-781-7023       |
| Account No. N1845                    | Account No. N2115             |

CA No.

Unit:

## WELL(S)

| NAME                    | SEC TWN<br>RNG | API NO       | ENTITY<br>NO | LEASE<br>TYPE | WELL<br>TYPE | WELL<br>STATUS |
|-------------------------|----------------|--------------|--------------|---------------|--------------|----------------|
| OURAY 6-66 (CR-144)     | 06-09S-21E     | 43-047-33284 | 12544        | INDIAN        | GW           | P              |
| OURAY 6-71 (CR-144)     | 06-09S-21E     | 43-047-33285 | 12552        | INDIAN        | GW           | P              |
| OURAY 6-73              | 06-09S-21E     | 43-047-33286 | 12681        | INDIAN        | GW           | P              |
| OURAY 6-82 (CR-144)     | 06-09S-21E     | 43-047-33309 | 12559        | INDIAN        | GW           | P              |
| OURAY 6-84              | 06-09S-21E     | 43-047-34026 | 99999        | INDIAN        | GW           | APD            |
| OURAY 6-166             | 06-09S-21E     | 43-047-33999 | 99999        | INDIAN        | GW           | APD            |
| OURAY 6-225             | 06-09S-21E     | 43-047-34741 | 99999        | INDIAN        | GW           | APD            |
| OURAY 6-194             | 06-09S-21E     | 43-047-34049 | 99999        | INDIAN        | GW           | APD            |
| PINNACOOSE 6 3          | 06-09S-21E     | 43-047-30428 | 55           | INDIAN        | GW           | P              |
| NBU 11                  | 14-09S-21E     | 43-047-30118 | 9240         | FEDERAL       | GW           | PA             |
| CIGE 215X               | 15-09S-21E     | 43-047-33690 | 12996        | FEDERAL       | GW           | P              |
| UTE TRAIL U 13          | 15-09S-21E     | 43-047-15385 | 99998        | FEDERAL       | GW           | PA             |
| COG 6-18-9-21 GR        | 18-09S-21E     | 43-047-32513 | 11655        | FEDERAL       | GW           | P              |
| COG 8-19-9-21 GR        | 19-09S-21E     | 43-047-32469 | 11652        | FEDERAL       | GW           | P              |
| NBU CIGE 6-19-9-21      | 19-09S-21E     | 43-047-30356 | 11618        | FEDERAL       | GW           | P              |
| HORSESHOE BEND FED 26-3 | 26-09S-21E     | 43-047-33872 | 13128        | FEDERAL       | GW           | S              |
| COG NBU 10-30-9-21 GR   | 30-09S-21E     | 43-047-32470 | 11633        | FEDERAL       | GW           | P              |
| UTE TRAIL U ST 10       | 34-09S-21E     | 43-047-15382 | 99998        | FEDERAL       | GW           | PA             |
| MORGAN STATE 1-36       | 36-09S-21E     | 43-047-30600 | 5445         | STATE         | GW           | P              |
| MORGAN STATE 2-36       | 36-09S-21E     | 43-047-32585 | 11927        | STATE         | GW           | P              |

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/27/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/27/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s)-listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

## 3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

## 3b. Phone No. (include area code)

435-781-7060

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

MULTIPLE WELLS- SEE ATTACHED

## 5. Lease Serial No.

MULTIPLE WELLS- SEE ATTACHED

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

MULTIPLE WELLS- SEE ATTACHED

## 8. Well Name and No.

MULTIPLE WELLS- SEE ATTACHED

## 9. API Well No.

MULTIPLE WELLS- SEE ATTACHED

## 10. Field and Pool, or Exploratory Area

OURAY

## 11. County or Parish, State

UINTAH COUNTY, UTAH

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |                                           |                                                    |                                                           |
|------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-----------------------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>VARIANCE</u> |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |                                                           |
|                                                      | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |                                                           |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III C. a. requiring each sales tank be equipped with a pressure- vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. To 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

## 14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBRA DOMENICI

Title

ENVIRONMENTAL ASSISTANT

Signature

Date

July 9, 2004

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Accepted by the  
Utah Division of  
Oil, Gas and MiningFederal Approval Of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any date within its jurisdiction.

(Instructions on reverse)

COPY SENT TO OPERATOR

Date:

Initials:

By:

RECEIVED

JUL 14 2004

# ALL WELLS ROCKY MOUNTAIN GAS- OURAY ENARDO VARIANCE

| WELL                 | LEGALS                      | STF LEASE NO    | CA NUMBER       | API NO     |
|----------------------|-----------------------------|-----------------|-----------------|------------|
| ANKERPONT 31-012     | SWSE SEC 31, T8S, R21E      | 14-20-H62-3007  | 9C-209          | 4304730699 |
| ANKERPONT 31-039     | LOT 3 SEC 31, T8S, R21E     | 14-20-H62-3006  | 9C-209          | 4304733339 |
| ANKERPONT 31-086     | SESW SEC 31, T8S, R21E      | 14-20-H62-3006  | 9C-209          | 4304733384 |
| ANKERPONT 35-036     | NESW SEC 35, T8S, R21E      | 14-20-H62-3012  | 9C-182          | 4304731960 |
| ANKERPONT ETAL 02-06 | LOT 3 SEC 2, T9S, R21E      | 14-20-H62-3012  | 9C-187          | 4304730572 |
| ARCHEE 01-117        | NWNE SEC 1, T9S, R20E       | 14-20-H62-3015  | CR-168          | 4304733388 |
| BLACK 05-044         | NESW SEC 5, T9S, R21E       | 14-20-H62-3020  | CR-4            | 4304732537 |
| BLACK 06-035         | SENE SEC 6, T9S, R21E       | 14-20-H62-3021  | 9C-179          | 4304731872 |
| BLACK 06-155         | NENE SEC 6, T9S, R21E       | 14-20-H62-3021  | 9C-000179       | 4304734960 |
| BLUEFEATHER 04-30    | NESE SEC 4, T9S, R21E       | 14-20-H62-3650  | UT080P49-84C721 | 4304731000 |
| CTB-E1S              | NESW SEC 1, T9S, R21 E      |                 |                 |            |
| CTB-E2S              | NWSE SEC 2, T9S, R21 E      |                 |                 |            |
| CTB-E30S             | SESW SEC 30, T8S, R22E      |                 |                 |            |
| CTB-E31N             | SESW SEC 31, T8S, R22E      |                 |                 |            |
| CTB-E34S             | SWSE SEC 34, T8S, R21E      |                 |                 |            |
| CTB-E35N             | SWNE SEC 35, T8S, R21E      |                 |                 |            |
| CTB-E35S             | NWSE SEC 35, T8S, R21E      |                 |                 |            |
| CTB-E36S             | SWSW SEC 36, T8S, R21E      |                 |                 |            |
| CTB-E6N              | NENW SEC 6, T9S, R22E       |                 |                 |            |
| CTB-W1S              | SWSE SEC 1, T9S, R20E       |                 |                 |            |
| CTB-W31N             | SESW SEC 31, T8S, R21E      |                 |                 |            |
| CTB-W32SE            | NWSE SEC 32, T8S, R21E      |                 |                 |            |
| CTB-W33S             | NWSE SEC 33, T8S, R21E      |                 |                 |            |
| CTB-W34N             | SESW SEC 34, T8S, R20E      |                 |                 |            |
| CTB-W35N             | SWNE SEC 35, T8S, R20E      |                 |                 |            |
| CTB-W36S             | NESE SEC 36, T8S, R20E      |                 |                 |            |
| CTB-W4S              | NESE SEC 4, T9S, R21E       |                 |                 |            |
| CTB-W5S              | SWSE SEC 5, T9S, R21E       |                 |                 |            |
| CTB-W6S              | SWSW SEC 6, T9S, R21E       |                 |                 |            |
| DM ICE FRIDAY 34-22  | NESE SEC 34, T8S, R20E      | 14-20-H62-2997  | 9C-208          | 4304730753 |
| DUNCAN FED 33-09     | SWSE SEC 33, T8S, R21E      | 14-20-H62-3701  | NRM-1705        | 4304730643 |
| FEDERAL 33-93        | SWSW SEC 33, T8S, R21E      | UTU9809         | NRM-1705        | 4304733386 |
| FEDERAL 35-05        | NWNW SEC 35, T8S, R21E      | UTU8621         | NRM-1604        | 4304730563 |
| HALL ETAL 31-018     | NWNW SEC 31, T8S, R22E      | FEE             | NRM-1887        | 4304730664 |
| IGNACIO 33-107       | SESW SEC 33, T8S, R20E      | 14-20-H62-2995  | CR-172          | 4304733674 |
| IGNACIO 33-221       | NESW SEC 33, T8S, R20E      | 14-20-H62-2995  | CR-172          | 4304734475 |
| JENKS 05-011         | LOT 3 SEC 5, T9S, R21E      | 14-20-H62-3008  | 9C-183          | 4304730726 |
| K SNOW KNIGHT 04-23  | NENW SEC 4, T9S, R20E       | 14-20-H62-2942  | 9C-191          | 4304730749 |
| KNIGHT 4-124         | LOT 5 SEC 4, T9S, R20E      | 14-20-H62-3017  | 9C-191          | 4304733675 |
| KURIP 01-027         | NENW SEC 1, T9S, R20E       | 14-20-H62-3004  | CR-168          | 4304730962 |
| McCOOK 01-170        | SWNW SEC 1, T9S, R21E       | 14-20-H62-4729  | UTU76246        | 4304733997 |
| MTN LION ETAL 34-2   | NESE SEC 34, T08S, R21E     | 14-20-H-62-3010 | 9C178           | 4304730338 |
| OURAY 06-066         | NWSE SEC 6, T9S, R21E       | 14-20-H62-3022  | CR-144          | 4304733284 |
| OURAY 06-071         | SESW SEC 6, T9S, R21E       | 14-20-H62-3028  | CR-144          | 4304733285 |
| OURAY 06-084         | SWNW LOT 5 SEC 6, T9S, R21E | 14-20-H62-3023  | CR-144          | 4304734026 |
| OURAY 32-070         | SWSE SEC 32, T8S, R21E      | 14-20-H62-3024  | 9C-204          | 4304733289 |
| OURAY 33-090         | SESE SEC 33, T8S, R21E      | 14-20-H62-3650  | NRM-1705        | 4304733381 |
| OURAY 34-079         | NESW SEC 34, T8S, R21E      | 14-20-H62-3009  | 9C-178          | 4304733291 |
| OURAY 35-174         | NENE SEC 35 T8S R21E        | FEE             | NRM-1604        | 4304733248 |
| OURAY SWD 1          | NENE SEC. 1, T9S, R21E      | UTU-76246       |                 | 4304733449 |
| PAWWINNEE 34-049     | SWSE SEC 34, T8S, R21E      | 14-20-H62-3010  | 9C-178          | 4304732694 |
| PAWWINNEE ETAL 03-10 | LOT 3 SEC 3, T9S, R21E      | 14-20-H62-3009  | 9C-186          | 4304730662 |
| PINNACOOSE 06-03     | SESW SEC 6, T9S, R21E       | 14-20-H62-3028  | 9C-179          | 4304730428 |
| POST 03-024          | NENW SEC 3, T9S, R20E       | 14-20-H62-3026  | 9C-210          | 4304730804 |
| SANTIO 4-233         | SWNW SEC. 4, T9S, R21E      | 14-20-H62-3894  | UT080491-84C725 | 4304734776 |
| SERAWOP 04-013       | SESW SEC 4, T9S, R21E       | 14-20-H62-3701  | UT080491-84C725 | 4304730663 |

# ALL WELLS ROCKY MOUNTAIN GAS- OURAY ENARDO VARIANCE

| WELL                 | LEGALS                       | STF LEASE NO   | CA NUMBER | API NO     |
|----------------------|------------------------------|----------------|-----------|------------|
| SERAWOP 34-038       | SWSW SEC 34, T8S, R21E       | 14-20-H62-3009 | 9C-178    | 4304733290 |
| TABBEE 03-120        | SWNE SEC 3, T9S, R20E        | 14-20-H62-3016 | 9C-210    | 4304733682 |
| TABBEE 34-020        | NENW SEC 34, T08S, R20E      | 14-20-H62-2998 | 9C-207    | 4304730734 |
| TABBEE 34-108        | SWNE SEC 34, T8S, R20E       | 14-20-H62-2997 | 9C-207    | 4304733410 |
| TABBEE 34-109        | NESW SEC 34, T8S, R20E       | 14-20-H62-2999 | 9C-208    | 4304733411 |
| TABBEE 34-110        | SWSE SEC 34, T8S, R20E       | 14-20-H62-2997 | 9C-208    | 4304733412 |
| TRIBAL 35-210        | SWSW SEC 35, T8S, R20E       | 14-20-H62-3000 | 9C-184    | 4304734476 |
| TRIBAL 36-148        | SWSE SEC. 36, T8S, R21E      | 14-20-H62-3014 | 9C-205    | 4304734507 |
| UTE TRIBAL 02-050    | NWNE LOT 2, SEC 2 T09S, R21E | 14-20-H62-2888 | 9C-187    | 4304732698 |
| UTE TRIBAL 02-102    | SENE SEC 2, T9S, R21E        | 14-20-H62-2888 | 9C-187    | 4304733379 |
| UTE TRIBAL 02-206    | SWNE SEC 2, T9S, R21E        | 14-20-H62-2888 | 9C-187    | 4304734478 |
| UTE TRIBAL 04-123    | NWNE SEC 4, T9S, R20E        | 14-20-H62-2942 | 9C-191    | 4304734086 |
| UTE TRIBAL 06-01     | NENW SEC 6, T9S, R22E        | 14-20-H62-2890 | CR-12     | 4304730667 |
| UTE TRIBAL 32-03 D3E | NENW LOT 3 SEC 32, T4S, R3E  | 14-20-H62-4836 |           | 4304733160 |
| UTE TRIBAL 35-016    | NWSE SEC 35, T8S, R20E       | 14-20-H62-2870 | 9C-184    | 4304730666 |
| UTE TRIBAL 35-019    | NESE SEC. 35, T8S, R21E      | 14-20-H62-2888 | 9C-182    | 4304730665 |
| UTE TRIBAL 35-112X   | NWSW SEC 35, T8S, R20E       | 14-20-H62-3000 | 9C-184    | 4304734473 |
| UTE TRIBAL 35-113    | SESW SEC 35, T8S, R20E       | 14-20-H62-3001 | 9C-184    | 4304733396 |
| UTE TRIBAL 36-017    | NWSE SEC 36, T8S, R21E       | 14-20-H62-2889 | 9C-205    | 4304730682 |
| UTE TRIBAL 36-065    | NESE SEC 36, T8S, R21E       | 14-20-H62-2889 | 9C-205    | 4304733293 |
| WEEKS 06-154         | NESE SEC 6, T9S, R21E        | 14-20-H62-3021 | CR-144    | 4304733924 |
| WISSIUP 36-015       | NWSE SEC 36, T8S, R20E       | 14-20-H62-3003 | CR-I-219  | 4304730700 |
| WYASKET 33-026       | NWSE SEC 33, T8S, R20E       | 14-20-H62-2994 | CR-172    | 4304730907 |
| WYASKET 33-106       | SESE SEC 33, T8S, R20E       | 14-20-H62-2994 | CR-172    | 4304733409 |
| WYASKET 33-219       | SWSE SEC 33, T8S, R20E       | 14-20-H62-2994 | CR-172    | 4304734477 |

# Westport Oil & Gas, L.P. Project Economics Worksheet

## Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

|                         | BEFORE<br>\$/Year | AFTER<br>\$/Year | DIFFERENCE<br>\$/Year |
|-------------------------|-------------------|------------------|-----------------------|
| Gross Oil Revenue       | \$1,088           | \$1,099          | \$11                  |
| Gross Gas Revenue       | \$0               | \$0              | \$0                   |
| NGL Revenue             | \$0               | \$0              | \$0                   |
| PULING UNIT SERVICE     |                   |                  | \$0                   |
| WIRELINE SERVICE        |                   |                  | \$0                   |
| SUBSURF EQUIP REPAIRS   |                   |                  | \$0                   |
| COMPANY LABOR           |                   |                  | \$0                   |
| CONTRACT LABOR          | \$0               | \$200            | \$200                 |
| CONTR SERVICE           |                   |                  | \$0                   |
| LEASE FUEL GAS          | \$0               | \$0              | \$0                   |
| UTILITIES - ELECTRICITY | \$0               | \$0              | \$0                   |
| CHEMICAL TREATING       |                   |                  | \$0                   |
| MATERIAL & SUPPLY       | \$0               | \$150            | \$150                 |
| WATER & HAULING         |                   |                  | \$0                   |
| ADMINISTRATIVE COSTS    |                   |                  | \$0                   |
| GAS PLANT PROCESSING    |                   |                  | \$0                   |
| <b>Totals</b>           | <b>\$0</b>        | <b>\$350</b>     | <b>\$350</b>          |

Increased OPX Per Year

## Investment Breakdown:

|                 | Cap/Exp<br>Code | Cost, \$       |
|-----------------|-----------------|----------------|
| Capital \$      | 820/830/840     | \$1,200        |
| Expense \$      | 830/860         | \$0            |
| <b>Total \$</b> |                 | <b>\$1,200</b> |

|               |          |               |
|---------------|----------|---------------|
| Oil Price     | \$ 23.00 | \$/BO         |
| Gas Price     | \$ 3.10  | \$/MCF        |
| Electric Cost | \$ -     | \$ / HP / day |
| OPX/BF        | \$ 2.00  | \$/BF         |
| OPX/MCF       | \$ 0.62  | \$/MCF        |

## Production & OPX Detail:

|                 | Before |       | After |       | Difference |
|-----------------|--------|-------|-------|-------|------------|
| Oil Production  | 0.192  | BOPD  | 0.194 | BOPD  | 0.002      |
| Gas Production  | 0      | MCFPD | 0     | MCFPD | 0          |
| Wtr Production  | 0      | BWPD  | 0     | BWPD  | 0          |
| Horse Power     |        | HP    |       | HP    | 0          |
| Fuel Gas Burned |        | MCFPD |       | MCFPD | 0          |

## Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

## Internal Rate of Return:

After Tax IROR = #DIV/0!

## AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

## Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

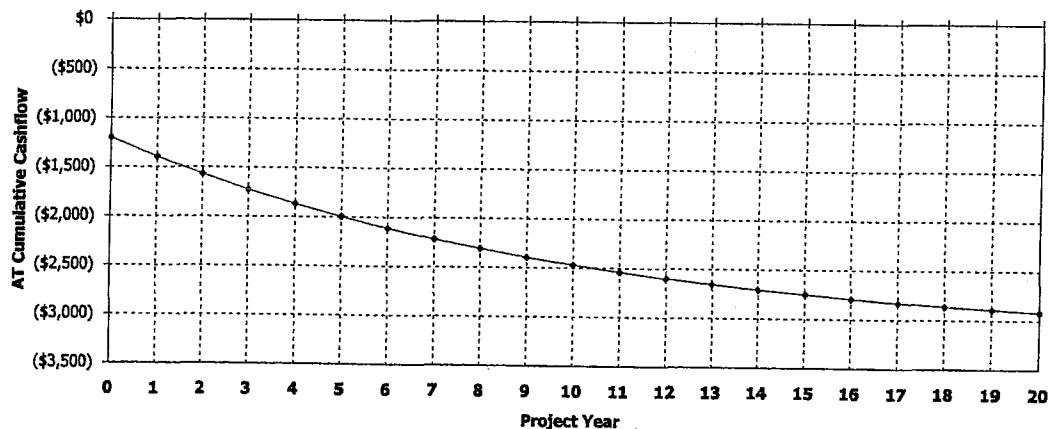
## Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

## Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics





# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

| Flash Conditions |    | Gas/Oil Ratio<br>(scf/STbbl)<br>(A) | Specific Gravity of<br>Flashed Gas<br>(Air=1.000) | Separator Volume<br>Factor<br>(B) | Separator Volume<br>Percent<br>(C) |
|------------------|----|-------------------------------------|---------------------------------------------------|-----------------------------------|------------------------------------|
| psig             | °F |                                     |                                                   |                                   |                                    |

### Calculated at Laboratory Flash Conditions

|    |     |      |       |       |         |
|----|-----|------|-------|-------|---------|
| 80 | 70  |      |       | 1.019 |         |
| 0  | 122 | 30.4 | 0.993 | 1.033 | 101.37% |
| 0  | 60  | 0.0  | —     | 1.000 | 98.14%  |

### Calculated Flash with Backpressure using Tuned EOS

|        |    |      |       |       |        |
|--------|----|------|-------|-------|--------|
| 80     | 70 |      |       | 1.015 |        |
| 6.0 oz | 65 | 24.6 | 0.777 | 1.003 | 98.82% |
| 0      | 60 | 0.0  | —     | 1.000 | 98.52% |
| 80     | 70 |      |       | 1.015 |        |
| 4.0 oz | 65 | 24.7 | 0.778 | 1.003 | 98.82% |
| 0      | 60 | 0.0  | —     | 1.000 | 98.52% |
| 80     | 70 |      |       | 1.015 |        |
| 2.0 oz | 65 | 24.7 | 0.779 | 1.003 | 98.82% |
| 0      | 60 | 0.0  | —     | 1.000 | 98.52% |
| 80     | 70 |      |       | 1.015 |        |
| 0      | 65 | 24.8 | 0.780 | 1.003 | 98.82% |
| 0      | 60 | 0.0  | —     | 1.000 | 98.52% |

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

| CA No.    |             | Unit:  |           |            |           |             |
|-----------|-------------|--------|-----------|------------|-----------|-------------|
| WELL NAME | SEC TWN RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                           |                                                    |                                                                     |
|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                             |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                             |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b> |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |                                                                     |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |                                                                     |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.  
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

*Earlene Russell*

**Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Signature

*Randy Bayne*

Title

**DRILLING MANAGER**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                           |                                                    |                                                              |
|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|--------------------------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                      |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                      |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |                                                              |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |                                                              |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

**RECEIVED**  
**MAY 10 2006**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Office

Date

**5-9-06**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

|                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>FORM 9</b>                                                    |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>14-20-H62-3028 |
| <b>1. TYPE OF WELL</b><br>Gas Well                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>                     |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>7. UNIT or CA AGREEMENT NAME:</b>                             |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>8. WELL NAME and NUMBER:</b><br>PINNACOOSE 6 3                |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1281 FNL 2306 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SENW Section: 06 Township: 09.0S Range: 21.0E Meridian: S                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>9. API NUMBER:</b><br>43047304280000                          |
| <b>5. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>6. COUNTY:</b><br>UTAH                                        |
| <b>7. STATE:</b><br>UTAH                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>8. PHONE NUMBER:</b><br>720 929-6100                          |
| <b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |
| <b>TYPE OF SUBMISSION</b>                                                                                                                                                                                                                                                                                                                                        | <b>TYPE OF ACTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                  |
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>12/19/2014                                                                                                                                                                                                                                                   | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION           |                                                                  |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> OTHER               |                                                                  |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:                                                                                                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> <b>CASING REPAIR</b><br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> APD EXTENSION<br>OTHER: <input style="width: 100px;" type="text"/> |                                                                  |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |
| <b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b><br>Kerr-McGee Oil & Gas Onshore, LP respectfully requests permission to perform a cement squeeze operation for the Pinacoose 6-3 well to repair a surface casing leak. Please see the attached procedure for details. Thank you. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |
| <b>Accepted by the Utah Division of Oil, Gas and Mining</b><br><br><b>Date:</b> <u>December 30, 2014</u><br><b>By:</b> <u>Derek Duff</u>                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |
| <b>NAME (PLEASE PRINT)</b><br>Kristina Geno                                                                                                                                                                                                                                                                                                                      | <b>PHONE NUMBER</b><br>720 929-6824                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>TITLE</b><br>Regulatory Analyst                               |
| <b>SIGNATURE</b><br>N/A                                                                                                                                                                                                                                                                                                                                          | <b>DATE</b><br>12/18/2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  |



## Pinnacoose 6-3

---

API# 4304730428

### **Bradenhead Leak**

Section 6, T9S R21E  
Uintah County, UT

DATE: 12/16/14

WO#:

### **CONTACT INFORMATION:**

|                 |                 |              |
|-----------------|-----------------|--------------|
| FOREMAN         | Derick Adams    | 435-828-5979 |
| LEAD OPERATOR   | Mick Richardson | 435-828-8699 |
| MECHANICAL LEAD | John Young      | 435-828-7548 |
| OPERATOR        | Rod Powell      | 435-828-8915 |
| OPERATOR        | Finely Horrocks | 435-823-4491 |
| ENGINEER        | Jake Roberts    | 716-499-6569 |



**ELEVATIONS:**

**GL:** 4669'

**KB:** 4669'

**Total Depth:** 8570'

**PBTD:** 7055'

**Tubular Properties:**

**Surface Casing:** 9 5/8", 36# K-55 @ 2504'

**Production Casing:** 5 1/2", 17# @ 7160'

**Tubing:** 2 3/8", 4.7# @ 6475'



## **PERFORATIONS**

| <b>Formation</b> | <b>Perf Depth</b> |
|------------------|-------------------|
| Wasatch          | 6515              |
| Wasatch          | 6517              |
| Wasatch          | 6519              |
| Wasatch          | 6521              |
| Wasatch          | 6523              |
| Wasatch          | 6532              |
| Wasatch          | 6534              |
| Wasatch          | 6789              |
| Wasatch          | 6790              |
| Wasatch          | 6791              |
| Wasatch          | 6792              |
| Wasatch          | 6861              |
| Wasatch          | 6862              |
| Wasatch          | 6863              |
| Wasatch          | 6864              |
| Wasatch          | 6865              |
| Wasatch          | 6866              |
| Wasatch          | 6867              |
| Wasatch          | 6868              |

## **WELL HISTORY:**

- Well was drilled and completed in 1978.
- Since initial production, well has had issues with pressure building on the surface casing. Likely due to a poor cement job.
  - Surface casing shoe @ 2500'
  - Top of Cement @ 3910'
- 11/24/2014 - Surface casing rupture disc popped off and released 3 bbls. of water and 4 bbls. of Green River Crude oil around well head.
- Multiple attempts have been made to establish injection in order to perform a top down cement job.
  - Latest attempt was 12/2/2014. Still no success. Top down job is not a viable option.





**PROCEDURE:**

- MIRU, NDWH, & NUBOP.
- Un-land tubing. Current EOT +/- **6475'**.
- POOH and **scan** the tubing. If scaled or damaged joints are found, scan and break each connection to visually inspect each pin and upset. Once good pipe integrity is reestablished, the visual inspection of each connection may be discontinued based on personal judgment. LD all scaled or damaged joints.
- Take solid samples (inside & outside of tubing), if available, and submit to engineer.
- TIH w/ 5.5" packer to locate hole; POOH. (Based on location of hole, proceed with either a cement squeeze or external casing patch.)
- If no hole is found, contact engineer. Make preparations for cement bond logging and cement squeeze.
- RIH with **4.892" mill**, mill up excess cement & pressure test casing. If test passes, mill up CBP, POOH & LD mill.
- TIH w/ 2.375" tubing; land tubing with SN at +/- **6475' (Same Depth)**. Broach full ID to EOT. Ensure that broach is 1.90" OD.
- NDBOP, NUWH, & notify CDC, Foreman, & Operators of RDMO.

|                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>FORM 9</b>                                                    |
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| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>7. UNIT or CA AGREEMENT NAME:</b>                             |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>8. WELL NAME and NUMBER:</b><br>PINNACOOSE 6 3                |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1281 FNL 2306 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SENW Section: 06 Township: 09.0S Range: 21.0E Meridian: S                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>9. API NUMBER:</b><br>43047304280000                          |
| <b>PHONE NUMBER:</b><br>720 929-6100                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES           |
| <b>COUNTY:</b><br>UTAH                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>STATE:</b><br>UTAH                                            |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |
| <b>TYPE OF SUBMISSION</b>                                                                                                                                                                                                                                                                                                 | <b>TYPE OF ACTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                  |
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:                                                                                                                                                                                                                                            | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION    |                                                                  |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>8/6/2015                                                                                                                                                                                                                             | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> OTHER        |                                                                  |
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| <input type="checkbox"/> DRILLING REPORT<br>Report Date:                                                                                                                                                                                                                                                                  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION                                                                                                                                                                                                                                                                                  |                                                                  |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.<br><br>Kerr-McGee Oil & Gas Onshore, LP has concluded the casing repair operations on the Pinnacoose 6-3 well. Please see the attached operations summary report for further details. Thank you. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |
| <b>Accepted by the<br/>         Utah Division of<br/>         Oil, Gas and Mining<br/>         FOR RECORD ONLY<br/>         August 17, 2015</b>                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |
| <b>NAME (PLEASE PRINT)</b><br>Kristina Geno                                                                                                                                                                                                                                                                               | <b>PHONE NUMBER</b><br>720 929-6824                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>TITLE</b><br>Regulatory Analyst                               |
| <b>SIGNATURE</b><br>N/A                                                                                                                                                                                                                                                                                                   | <b>DATE</b><br>8/13/2015                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |

**US ROCKIES REGION**  
**Operation Summary Report**

| Well: PINNACOOSE 06-03                             |                   |                  |       | Spud date:             |             |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |
|----------------------------------------------------|-------------------|------------------|-------|------------------------|-------------|-----|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Project: UTAH-UINTAH                               |                   |                  |       | Site: PINNACOOSE 06-03 |             |     |                   | Rig name no.: MILES-GRAY 1/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
| Event: WELL WORK EXPENSE                           |                   |                  |       | Start date: 7/20/2015  |             |     |                   | End date: 8/6/2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
| Active datum: RKB @0.00usft (above Mean Sea Level) |                   |                  |       | UWI: PINNACOOSE 06-03  |             |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |
| Date                                               | Time<br>Start-End | Duration<br>(hr) | Phase | Code                   | Sub<br>Code | P/U | MD from<br>(usft) | Operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |
| 7/29/2015                                          | 12:00 - 12:30     | 0.50             | MAINT | 30                     | G           | P   |                   | ROAD RIG TO LOCATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
|                                                    | 12:30 - 13:30     | 1.00             | MAINT | 30                     | A           | P   |                   | MIRU. R/U PUMP LINES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
|                                                    | 13:30 - 17:00     | 3.50             | MAINT | 30                     | F           | P   |                   | FCP & FTP = 80#. BLOW DOWN TBNG & CSNG TO PRODUCTION TANK. CNTRL TBNG W/ 20BBLS TMAC. CNTRL CSNG W/ 20BBLS TMAC. NDWH (VERY BAD WELLHEAD BOLTS +/- 3HRS TO N/D). FOUND PLUNGER PARTS IN TBNG HANGER. WORK ON LANDING PINS (RUSTY AND GUALDED. REMOVE PIN & TAKE PIN TO CAMERON WELLHEAD TO IDENTIFY PARTS NEEDED FOR REPAIR. INSTALL PUP JT & TIW VALVE IN TBNG. SHUT IN TBNG. CSNG TO SALES. SDFN.\n\nNOTE: ALL PARTS FOUND THAT WERE NEEDED FOR REPAIRS. WELLHEAD COMPANY WILL BE ON LOCATION IN AM FOR REPAIRS. |  |  |  |
| 7/30/2015                                          | 7:00 - 7:15       | 0.25             | MAINT | 48                     |             | P   |                   | HSM, JSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
|                                                    | 7:15 - 12:00      | 4.75             | MAINT | 30                     | F           | P   |                   | WORK ON BROKEN LANDING PINS, NU BOP'S, RU FLOOR & TBG EQUIP                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |
|                                                    | 12:00 - 15:00     | 3.00             | MAINT | 31                     | I           | P   |                   | MIRU SCAN TECH, TOO H & SCAN 2-3/8" TBG, SCAN SHOWED 60 YELLOW JTS, 130 BLUE JTS & 26 RED JTS, NO SCALE ON TBG, RD SCAN TECH                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
|                                                    | 15:00 - 16:30     | 1.50             | MAINT | 34                     | I           | P   |                   | MIRU CASEDHOLE SOLUTIONS, RIH & SET CBP @ 6400', POOH, RD CASEDHOLE                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| 7/31/2015                                          | 16:30 - 18:00     | 1.50             | MAINT | 30                     | F           | P   |                   | ND BOP'S, WORK ON BROKEN LANDING PIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |
|                                                    | 7:00 - 7:15       | 0.25             | MAINT | 48                     |             | P   |                   | HSM, JSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
|                                                    | 7:15 - 8:00       | 0.75             | MAINT | 30                     | F           | P   |                   | NU BOPS'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
|                                                    | 8:00 - 16:00      | 8.00             | MAINT | 41                     | A           | P   |                   | MIRU CASEDHOLE SOLUTIONS, LOG CSG FROM 6400' TO SURFACE, RIH W/ 4 HOLE PERF GUN & PERF CSG @ 2300', POOH & LD PERF GUN, SWI, SDFWE                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
|                                                    | 8:00 - 8:00       | 0.00             | MAINT | 52                     | F           | P   |                   | PRESSURE TEST CSG TO 500# FOR 30 MINS, TEST WAS GOOD                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |
| 8/3/2015                                           | 7:00 - 7:15       | 0.25             | MAINT | 48                     |             | P   |                   | HSM, JSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
|                                                    | 7:15 - 8:00       | 0.75             | MAINT | 34                     | B           | P   |                   | 50# SICP, P/U 5-1/2" CCR, RIH & SET @ 2288', POOH & RD CASEDHOLE                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                    | 8:00 - 8:45       | 0.75             | MAINT | 31                     | I           | P   |                   | P/U STINGER, TIH ON 2-3/8" TBG TO CCR @ 2288', STING INTO CCR                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
|                                                    | 8:45 - 11:00      | 2.25             | MAINT | 51                     | B           | P   |                   | MIRU PRO PETRO, PRESSURE TEST LINES, ESTB AN INJECTION RATE OF 3BBLS A MIN @ 790#, MIX & PUMP 400SX CMT @ 15.8PPG, DISPLACE W/ 8.8 BBLS WTR, STING OUT OF CCR, RD PRO PETRO                                                                                                                                                                                                                                                                                                                                        |  |  |  |
| 8/4/2015                                           | 11:00 - 12:00     | 1.00             | MAINT | 31                     | I           | P   |                   | TOOH W/ 2-3/8" TBG & LD STINGER, SWI, SDFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|                                                    | 7:00 - 7:15       | 0.25             | MAINT | 48                     |             | P   |                   | HSM, JSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
|                                                    | 7:15 - 16:00      | 8.75             | MAINT | 44                     | B           | P   |                   | P/U 4-3/4" MILL, TIH & TAG @ 1876', MIRU PWR SWVL, D/O CEMENT FROM 1876' TO 2288', ALSO HAD METAL SHAVINGS IN RETURNS, D/O CCR IN 1HR 10MINS, C/O TO 2300', CIRC WELL CLEAN, HANG BACK PWR SWVL                                                                                                                                                                                                                                                                                                                    |  |  |  |
| 8/5/2015                                           | 16:00 - 17:30     | 1.50             | MAINT | 31                     | I           | P   |                   | TOOH W/ 2-3/8" TBG, SWI, SDFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
|                                                    | 7:00 - 7:15       | 0.25             | MAINT | 48                     |             | P   |                   | HSM, JSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |

## US ROCKIES REGION

## Operation Summary Report

Well: PINNACOOSE 06-03

Spud date:

Project: UTAH-UINTAH

Site: PINNACOOSE 06-03

Rig name no.: MILES-GRAY 1/1

Event: WELL WORK EXPENSE

Start date: 7/20/2015

End date: 8/6/2015

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: PINNACOOSE 06-03

| Date     | Time<br>Start-End | Duration<br>(hr) | Phase | Code | Sub<br>Code | P/U | MD from<br>(usft) | Operation                                                                                                                                                                                                                          |
|----------|-------------------|------------------|-------|------|-------------|-----|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 7:15 - 8:00       | 0.75             | MAINT | 52   | F           | P   |                   | PRESSURE TEST CSG TO 500#, LOST 50# IN 10 MINS                                                                                                                                                                                     |
|          | 8:00 - 11:00      | 3.00             | MAINT | 31   | I           | P   |                   | TIH W/ 4-3/4" MILL TO CBP @ 6400'                                                                                                                                                                                                  |
|          | 11:00 - 15:00     | 4.00             | MAINT | 44   | C           | P   |                   | P/U PWR SWVL, BREAK CIRC W/ FOAM UNIT IN 30MINS, D/O CBP IN 15MINS, CIRC WELL CLEAN, HANG BACK PWR SWVL, TIH & TAG FILL @ 6921', P/U PWR SWVL, BREAL CIRC IN 30MINS, C/O FROM 6921' TO PBTD @ 7055', CIRC WELL CLEAN, RD TECH FOAM |
|          | 15:00 - 17:30     | 2.50             | MAINT | 31   | I           | P   |                   | TOOH & LD 15 JTS ON TRAILER, STAND BACK THE REST IN THE DERRICK, LD 4-3/4" MILL, SWI, SDFN                                                                                                                                         |
| 8/6/2015 | 7:00 - 7:15       | 0.25             | MAINT | 48   |             | P   |                   | HSM, JSA                                                                                                                                                                                                                           |
|          | 7:15 - 10:00      | 2.75             | MAINT | 31   | I           | P   |                   | 100# SICP, MU XN NIPPLE, TIH W/ 2-3/8" TBG, BROACH TBG TO XN W/ 1.910 BROACH, LAND TBG ON HANGER W/ 209 JTS                                                                                                                        |
|          | 10:00 - 12:00     | 2.00             | MAINT | 30   | C           | P   |                   | ND BOP'S, NU WH, RDMO                                                                                                                                                                                                              |
|          |                   |                  |       |      |             |     |                   | KB 0'                                                                                                                                                                                                                              |
|          |                   |                  |       |      |             |     |                   | HANGER 1'                                                                                                                                                                                                                          |
|          |                   |                  |       |      |             |     |                   | 23 JTS 2-3/8" NEW P-110 726.27'                                                                                                                                                                                                    |
|          |                   |                  |       |      |             |     |                   | 4' 2-3/8" PUP JNT 4.00'                                                                                                                                                                                                            |
|          |                   |                  |       |      |             |     |                   | 186 JTS 2-3/8" J-55 5842.41'                                                                                                                                                                                                       |
|          |                   |                  |       |      |             |     |                   | XN NIPPLE 1.05'                                                                                                                                                                                                                    |
|          |                   |                  |       |      |             |     |                   | EOT @ 6574.73'                                                                                                                                                                                                                     |